



No. 27

5 JULY 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
ETC/SS Miller	USS SEAWOLF
Second Mate Michael Arenella	SS WILSON/SEALIFT INC

Cover Photo: The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and only ship named after a battle in the Vietnam War, is the twentieth in the **TICONDEROGA** class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt and sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles and gunfire. Commissioned 14 September 1991, the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 27/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

5 July 2003

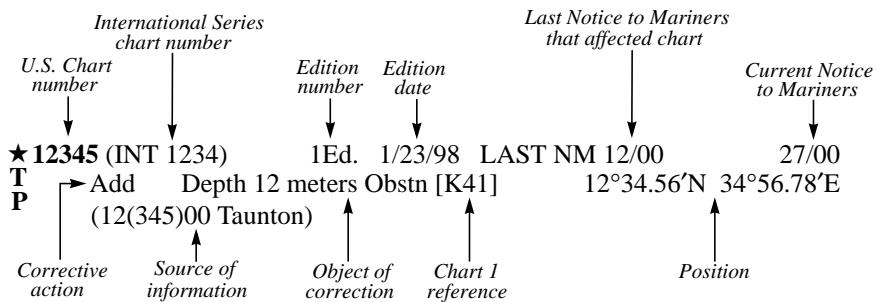
NEW EDITION OF COAST PILOT

U.S. COAST PILOT 1, ATLANTIC COAST: EASTPORT TO CAPE COD, THIRTY-THIRD EDITION, 2003, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 27/03

601 (INT 601) 4Ed. 11/4/95 LAST NM 8/03 Substitute Depth 15 meters, blue tint and enclosing depth contour (30-meter) for 9 meters (9/313)03 Wollongong)	27/03 37°45'S 149°44'E	Range light, front to QR 22ft 29°59'31.0"N 93°47'01.8"W
1115A Ed. 10/02 LAST NM 26/03 Delete Buoy "A1" 27/03 Buoy (mooring) 29°14.5'N 88°29.1'W Buoy "H" 29°14.1'N 88°34.2'W Buoy "L" 29°55.0'N 87°59.8'W Buoy "D" 29°55.1'N 88°00.2'W (21, 22/03 CG8)	29°54.9'N 88°00.2'W	Add Tabulation of controlling depths from Subsection I-2 (NOS; USCG LL)
1116A Ed. 11/02 LAST NM 26/03 Delete Submerged well (cov 9fms) and buoy 27/03 Submerged well (cov 10fms) and buoy 28°34.9'N 91°01.7'W Submerged well (cov 10fms) and buoy 28°52.3'N 94°46.2'W Add Platform [L10] 29°11.0'N 92°34.2'W (21, 22/03 CG8)	29°52.3'N 94°46.2'W	★11344 35Ed. 12/02 LAST NM 26/03 Delete Submerged well (cov 54ft) and buoy 27/03 (21/03 CG8) 29°18'48"N 93°10'07"W
1117A Ed. 4/6/02 LAST NM 26/03 Delete Submerged well (cov 10fms) and buoy 27/03 Note: Platform close E remains 28°52.3'N 94°46.2'W Add Platform [L10] 28°43.6'N 94°50.6'W (21, 22/03 CG8)	28°43.6'N 94°50.6'W	★11347 33Ed. 7/02 LAST NM 26/03 (Side B) Change Height of range light, front to 30ft 30°07'36.7"N 93°19'44.5"W Add Range light, front QG 20ft 4M 30°06'28.3"N 93°18'18.8"W Range light, rear FG 37ft 30°06'32.2"N 93°18'14.1"W Range line extending in 226°24' direction from above rear light, dashed for 1220 yards (Side B, Inset 1) Delete Range line between 30°07'16.3"N 93°19'42.2"W 30°08'44.3"N 93°19'54.6"W Note: Legends "RANGE "E"" and "(see tabulation)" remain Relocate Range light, front from 30°07'36.8"N 93°19'45.2"W to 30°07'36.7"N 93°19'44.5"W and change height to 30ft Range light, rear from 30°07'16.3"N 93°19'42.2"W to 30°07'15.8"N 93°19'41.3"W Add Range line extending in 353° direction from above rear light dashed for 1510 yards, thence solid for 1470 yards (22/03 CG8)
11004 7Ed. 10/29/94 LAST NM 26/03 Substitute Platform [L10] for depth 21 meters enclosed by danger circle and legend "Well" 27/03 (21/03 CG8; US CH 11307)	27°20.3'N 97°06.8'W	★11348 19Ed. 8/25/01 LAST NM 25/03 (Side A) Add Range light, front QG 20ft 4M 30°06'28.3"N 93°18'18.8"W Range light, rear FG 37ft 30°06'32.2"N 93°18'14.1"W Range line extending in 226°24' direction from above rear light, dashed for 900 yards (22/03 CG8)
11006 30Ed. 4/20/02 LAST NM 25/03 Delete Buoy "A1" 27/03 Buys (3) 29°14.5'N 88°29.1'W (21, 22/03 CG8)	29°55.0'N 88°00.0'W	★11349 40Ed. 7/02 LAST NM 26/03 Add Platform [L10] 29°10'33"N 92°11'42"W (22/03 CG8)
11300 38Ed. 4/6/02 LAST NM 26/03 Delete Submerged well (cov 10fms) and buoy 27/03 Note: Platform close E remains 28°52.3'N 94°46.2'W Add Platform [L10] 28°43.6'N 94°50.6'W (21, 22/03 CG8)	28°52.3'N 94°46.2'W	★11351 38Ed. 3/03 LAST NM 25/03 Add Platform [L10] 27°59'36"N 91°27'14"W (22/03 CG8)
★11307 36Ed. 9/22/01 LAST NM 24/03 Delete Submerged well (cov 68ft) and buoy 27/03 (21/03 CG8)	27°20'19"N 97°06'50"W	★11353 2Ed. 3/16/02 LAST NM 26/03 Add Platform [L10] 29°24'38.0"N 89°11'58.0"W Platform [L10] 29°24'24.0"N 89°13'47.0"W Platform [L10] 29°26'14.0"N 89°13'07.0"W Platform [L10] 29°27'01.0"N 89°17'41.0"W Platform [L10] 29°35'06.0"N 89°14'48.0"W Position circle "Pipe" [L23] (PA) 29°25'25.9"N 89°15'16.5"W Tabulation of controlling depths from Subsection I-2 (NOS; 21, 22/03 CG8)
★11313 22Ed. 3/24/01 LAST NM 22/03 Delete Submerged well (cov 91ft) and buoy 27/03 (21/03 CG8)	27°54'48"N 96°35'00"W	
★11323 59Ed. 3/30/02 LAST NM 23/03 Add Platform [L10] 29°07'34"N 94°49'18"W (22/03 CG8)	29°07'34"N 94°49'18"W	
★11330 14Ed. 11/02 LAST NM 23/03 Delete Submerged well (cov 60ft) and buoy 27/03 Add Platform [L10] 28°52.3'N 94°46.2'W (21, 22/03 CG8)	28°52.3'N 94°46.2'W	
★11340 67Ed. 11/02 LAST NM 26/03 Delete Submerged well (cov 9fms) and buoy 27/03 Submerged well (cov 10fms) and buoy 28°34.9'N 91°01.7'W Add Platform [L10] 29°11.0'N 92°34.2'W (21, 22/03 CG8)	28°52.3'N 94°46.2'W	
★11342 52Ed. 5/03 NEW EDITION Change Range light, front to Q 30ft, Fl G 2.5s 31ft 3M 27/03 29°58'16.1"N 93°51'10.5"W	29°58'16.1"N 93°51'10.5"W	11356 34Ed. 8/4/01 LAST NM 22/03 Add Platform [L10] 28°59'36"N 91°27'14"W (22/03 CG8)
		★11357 35Ed. 6/02 LAST NM 26/03 Delete Submerged well (cov 24ft) and buoy 27/03 (21/03 CG8) 28°53'49"N 90°42'30"W

SECTION I

★11360	40Ed. 10/02 LAST NM 26/03 Delete Buoy "A1" Buoy (mooring) Buoy "H" Buoy "L" Buoy "D" (21, 22/03 CG8)	27/03 29°14.5'N 88°29.1'W 29°14.1'N 88°34.2'W 29°55.0'N 87°59.8'W 29°55.1'N 88°00.2'W 29°54.9'N 88°00.2'W	★11401	29Ed. 8/25/01 LAST NM 23/02 Add Ra ref [S4] to light "2" (22/03 CG8)	27/03 29°46'30"N 84°42'28"W	
11362	4Ed. 6/10/00 LAST NM N26/03 Delete Buoy "A1" Buoy (mooring) Buoy "H" Buoy "L" Buoy "D" (21, 22/03 CG8)	N27/03 29°14.5'N 88°29.1'W 29°14.1'N 88°34.1'W 29°54.7'N 87°59.7'W 29°55.1'N 87°59.9'W 29°54.7'N 88°00.3'W	11404	21Ed. 6/16/01 LAST NM 19/03 (Side A) Add Ra ref [S4] to light "2" (22/03 CG8)	27/03 29°46'29.9"N 84°42'27.9"W	
★11363	38Ed. 3/30/02 LAST NM 26/03 Add Platform [L10] Platform [L10] Platform [L10] Position circle "Pipe" [L23] (PA) Platform [L10] Platform [L10] Platform [L10] Platform [L10]	27/03 29°24'38"N 89°11'58"W 29°24'24"N 89°13'47"W 29°26'14"N 89°13'07"W 29°25'26"N 89°15'17"W 29°27'01"N 89°17'41"W 29°27'25"N 89°19'11"W 29°35'06"N 89°14'48"W 29°37'53"N 89°18'07"W	★12343	18Ed. 6/02 LAST NM 21/03 Add Buoy "D" W Or (Priv) Buoy "I" W Or (Priv) Buoy "J" W Or (Priv) (21/03 CG1)	27/03 41°33'42"N 73°57'48"W 41°33'12"N 73°59'18"W 41°33'48"N 73°58'36"W	
	Tabulation of controlling depths from Subsection I-2 (NOS; 21, 22/03 CG8)		★12347	29Ed. 12/9/00 LAST NM 25/02 Change Note to "RONDOUT CREEK" The controlling depth from the entrance to the second highway bridge was 13½ feet, thence 9 feet to the Conrail bridge, thence 8 feet to the west end of Gumaer Island, thence 4½ feet to Eddyville. Oct 2002"	27/03 41°55'10"N 74°00'30"W	
11364	39Ed. 11/02 LAST NM 26/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	27/03	Add Tabulation of controlling depths from Subsection I-2 (NOS)	★12348	33Ed. 12/23/00 LAST NM 25/02 Add Tabulation of controlling depths from Subsection I-2	27/03
★11366	7Ed. 9/02 LAST NM 26/03 Delete Buoy "A1" Buoy (mooring)	27/03 29°14.5'N 88°29.1'W 29°13.9'N 88°33.9'W	12363	39Ed. 7/15/00 LAST NM 23/03 Substitute Depth 17 feet Wk [K26] for 21 feet Rk 40°48'16"N 73°46'27"W	27/03	
	Add Position circle "Pipe" [L23] (PA) Dangerous wreck [K28] (PA) (21, 22/03 CG8)	29°25.4'N 89°15.3'W 30°11.0'N 88°49.7'W	Add Depth 16 feet Wk [K26] (NOS)	12364	34Ed. 3/03 LAST NM 25/03 (Page E) Substitute Depth 17 feet Wk [K26] for 21 feet Rk 40°48'16"N 73°46'27"W	27/03
11369	44Ed. 12/02 LAST NM 21/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	27/03	Add Depth 16 feet Wk [K26] (NOS)	Add Depth 16 feet Wk [K26] Depth 12 feet Wk [K26] Depth 19 feet Wk [K26]	40°48'58"N 73°46'20"W	40°48'16"N 73°46'27"W
★11371	35Ed. 9/15/01 LAST NM 26/03 Delete Danger circle "Obstn...1988)" and buoy "A" Danger circle "Obstn...1988)" and buoy "B" (21/03 CG8)	27/03 30°15'03"N 89°10'01"W 30°14'10"N 89°10'05"W	(Page F, Inset 11) Add Depth 16 feet Wk [K26] Depth 12 feet Wk [K26] (NOS)	Add Depth 16 feet Wk [K26] Depth 12 feet Wk [K26]	40°48'57.7"N 73°46'19.7"W 40°48'55.9"N 73°46'14.1"W	40°48'16"N 73°46'27"W
11372	30Ed. 11/02 LAST NM 26/03 (Side A) Delete Danger circle "Obstn...1988)" and buoy "A" Danger circle "Obstn...1988)" and buoy "B" (21/03 CG8)	27/03 30°15'03.2"N 89°10'01.3"W 30°14'09.9"N 89°10'04.4"W	★12366	27Ed. 4/15/00 LAST NM 20/03 Delete Depth 21 feet Rk 40°48'16.8"N 73°46'27.1"W	27/03 40°48'16.8"N 73°46'27.1"W	
★11373	42Ed. 6/02 LAST NM 26/03 Add Dangerous wreck [K28] (PA) (22/03 CG8)	27/03 30°11'02"N 88°49'42"W	Add Depth 16 feet Wk [K26] Depth 12 feet Wk [K26] Depth 17 feet Wk [K26] Depth 19 feet Wk [K26] (NOS)	Add Depth 16 feet Wk [K26] Depth 12 feet Wk [K26] Depth 17 feet Wk [K26] Depth 19 feet Wk [K26]	40°48'57.7"N 73°46'19.7"W 40°48'55.9"N 73°46'14.1"W 40°48'15.8"N 73°46'26.7"W 40°52'41.3"N 73°43'03.8"W	40°48'16.8"N 73°46'27.1"W
11374	31Ed. 8/02 LAST NM 26/03 (Side B) Change Visibility (range) of light "B" to 6M 30°21'21.3"N 88°30'21.7"W (22/03 CG8)	27/03	★12371	23Ed. 5/03 NEW EDITION (NOS)	27/03	
★11375	35Ed. 8/02 LAST NM 24/03 Change Visibility (range) of light "B" to 6M 30°21'21.3"N 88°30'21.7"W (22/03 CG8)	27/03 30°21'21.3"N 88°30'21.7"W	13221	53Ed. 7/21/01 LAST NM 7/03 Add Buoy "A" Y, Fl Y 4s (Priv) (21/03 CG1)	27/03 41°43'58"N 71°22'09"W	
			★13224	36Ed. 12/1/01 LAST NM 5/03 Add Buoy "A" Y, Fl Y 4s (Priv) (21/03 CG1)	27/03 41°43'58.2"N 71°22'08.8"W	

SECTION I

NM 27/03

★13237	39Ed. 5/03	NEW EDITION (NOS)	27/03	Change	Legend to "15 FEET FOR WIDTH OF 500 FT AUG 2002" 32°41'00"N 117°09'32"W
13293	33Ed. 4/13/02	LAST NM 14/03 Add Buoy "20A" R, nun (21/03 CG1)	27/03 43°54'11"N 69°41'03"W	Add	Depth 10 feet 32°40'41.8"W 117°10'02.1"W Depth 17 feet 32°40'38.7"W 117°10'00.8"W Depth 14 feet 32°40'45.8"W 117°09'56.4"W Depth 11 feet 32°41'11.1"N 117°09'21.7"W Depth 16 feet 32°41'12.7"N 117°09'19.2"W Depth 17 feet 32°41'14.0"N 117°09'20.5"W (NOS)
★13296	25Ed. 7/14/01	LAST NM 43/02 Add Buoy "20A" R, nun (21/03 CG1)	27/03 43°54'11.3"N 69°41'03.3"W		
★18587	68Ed. 8/25/01	LAST NM 21/03 Delete Depth 75 feet Depth 65 feet Depth 60 feet Depth 62 feet	27/03 43°22'04.8"N 124°22'43.5"W 43°21'56.4"N 124°22'38.4"W 43°21'57.5"N 124°22'29.1"W 43°22'01.1"N 124°22'29.1"W		
		Substitute Depth 54 feet for 62 feet	43°22'04.0"N 124°22'15.5"W		
		Add Depth 59 feet Depth 55 feet Depth 59 feet Depth 53 feet Depth 55 feet Depth 55 feet Depth 54 feet Depth 55 feet Depth 51 feet Depth 49 feet	43°22'11.2"N 124°22'40.3"W 43°22'03.2"N 124°22'42.4"W 43°22'00.2"N 124°22'49.0"W 43°21'55.0"N 124°22'37.9"W 43°22'02.0"N 124°22'31.7"W 43°22'06.4"N 124°22'32.9"W 43°22'06.6"N 124°22'23.6"W 43°21'56.8"N 124°22'23.6"W 43°21'50.3"N 124°22'23.3"W		
		Tabulation of controlling depths from Subsection I-2			
		(NOS)			
★18622	52Ed. 6/30/01	LAST NM 25/03 Change Legend to "40 FEET JAN 2003"	27/03 40°45'17"N 124°13'29"W (See 49/02-18622)		
		(NOS)			
★18703	24Ed. 1/26/02	LAST NM 4/03 Substitute Depth 21 fathoms for 2 fathoms	27/03 35°11'30.1"N 120°51'14.9"W (NOS)		
18740	39Ed. 7/28/01	LAST NM 25/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See 12/03-18740)	27/03 32°36.0'N 117°09.2'W		
		(NOS)			
18741	18Ed. 9/9/95	LAST NM N12/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See N12/03-18741)	N27/03 32°36.1'N 117°09.2'W (NOS)		
18765	15Ed. 2/16/02	LAST NM 12/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See 12/03-18765)	27/03 32°36'07"N 117°09'07"W		
		(NOS)			
18766	7Ed. 11/26/83	LAST NM 12/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See 12/03-18766)	27/03 32°36'02"N 117°09'12"W (NOS)		
18768	4Ed. 3/11/95	LAST NM N12/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See N12/03-18768)	N27/03 32°36'06"N 117°09'06"W		
★18773	38Ed. 7/28/01	LAST NM 13/03 Delete Legend "16 FT"	27/03 32°41'14"N 117°09'20"W		
		Substitute Depth 2 feet for 13 feet	32°41'41.8"N 117°09'50.8"W		
★19330	9Ed. 12/1/01	LAST NM 6/02 Relocate Light from 19°58'26.0"N 155°49'53.8"W to (17/03 CG14)	27/03 19°58'26.4"N 155°49'53.4"W		
★19353	12Ed. 4/15/00	LAST NM 41/00 (Inset Lono Harbor)	27/03		
		Delete Position circle Position circle	21°05'12.8"N 157°14'59.2"W 21°05'14.3"N 157°14'59.8"W		
		Add Range beacon, front WR (Priv) Range beacon, rear WR (Priv)	21°05'12.8"N 157°14'59.2"W 21°05'14.3"N 157°14'59.8"W (17/03 CG14)		
21140	1Ed. 7/9/88	LAST NM 12/03 Delete Purple dashed-line area and legend "DANGER AREA FIRING RANGE" in vicinity (See 12/03-21140)	27/03 32°36'10"N 117°09'08"W		
22421	4Ed. 9/15/87	LAST NM N26/03 Change Legend "Ver Carta 1112" to "See Chart 11730" (11(204)02 Valparaiso)	N27/03 52°43.3'S 71°24.6'W		
22423	3Ed. 1/15/96	LAST NM N25/03 Change Chilean Chart number "1207" to "12600" in margins (3) of chart	N27/03		
		Legend "Ver Carta 1221" to "See Chart 12711" 54°31.8'S 72°05.7'W			
		Legend "Ver Carta 1221" to "See Chart 12711" 54°34.5'S 71°59.2'W			
		Legend "Ver Carta 1221" to "See Chart 12711" 54°36.1'S 72°01.0'W			
		Legend "Ver Carta 1221" to "See Chart 12711" 54°40.8'S 71°38.8'W			
		Legend "Ver Carta 1221" to "See Chart 12711" 54°41.6'S 71°24.8'W			
		Legend "Ver Carta 1221" to "See Chart 12711" 54°43.5'S 71°11.5'W			
		Legend "Ver Carta 1204" to "See Chart 12712" 54°38.7'S 71°26.7'W			
		Legend "Ver Carta 1204" to "See Chart 12712" 54°39.8'S 71°28.1'W			
		Legend "Ver Carta 1204" to "See Chart 12712" 54°43.2'S 71°56.0'W			
		Legend "Ver Carta 1205" to "See Chart 12713" 54°52.4'S 71°00.0'W			
		Legend "Ver Carta 1205" to "See Chart 12713" 54°51.1'S 70°52.5'W			
		Legend "Ver Carta 1205" to "See Chart 12713" 54°55.9'S 70°46.1'W			
		Legend "Ver Carta 1205" to "See Chart 12713" 54°50.7'S 70°39.8'W (11(205, 206)02 Valparaiso; NTM0016/2003)			
22424	Ed. 1/1/58	LAST NM N45/97 Change Chilean Chart number "1204" to "12712" in margins (3) of chart (NTM0016/2003)	N27/03		
22429	Ed. 1/1/73	LAST NM N19/03 Change Legend "Ver Carta 1205" to "See Chart 12713" 54°50.7'S 70°40.0'W	N27/03		
		Legend "Ver Carta 1205" to "See Chart 12713" 54°50.1'S 70°31.1'W			
		Legend "Ver Carta 1207" to "See Chart 12600" 54°54.4'S 70°45.5'W (11(206)02 Valparaiso)			

24480	1Ed. 6/16/90 LAST NM 24/03 (Panel B)	27/03	Characteristic of buoy "5" to Fl G 4s 11°03'35.8"N 74°50'15.6"W
Delete	Light	11°06.6'N 74°50.9'W	
Change	Visibility (range) of light to 13M (56, 100/03 Bogota)	11°06.5'N 74°51.3'W	
24490	3Ed. 6/24/95 LAST NM 25/03	27/03	Range light, rear to "E-8" Iso 4s 24m 14M with visible sector 166°-170° 11°03'30.7"N 74°50'34.1"W
Delete	Light	11°06.5'N 74°51.1'W	
Change	Visibility (range) of light to 13M (56, 100/03 Bogota)	11°06.4'N 74°51.3'W	
24491	3Ed. 9/17/94 LAST NM 31/02	27/03	Beacon to "X-14" Fl R 6s 8m 3M 11°03'28.1"N 74°50'22.8"W
Delete	Light	11°06'30"N 74°51'00"W	
Change	Visibility (range) of light to 13M Range light, front to Fl Y 2s 7m 13M 11°06'26"N 74°51'17"W 11°06'08"N 74°50'53"W	11°06'26"N 74°51'17"W 11°06'08"N 74°50'53"W	
	Range light, rear to Fl Y 5s 20m 12M 11°06'03"N 74°50'47"W	11°06'03"N 74°50'47"W	
	Visibility (range) of range light, front to 14M 11°03'51"N 74°50'39"W	11°03'51"N 74°50'39"W	
	Range light, rear to Iso 4s 24m 14M 11°03'31"N 74°50'35"W (56, 58, 59, 64, 65, 100/03 Bogota)	11°03'31"N 74°50'35"W	
24501	3Ed. 5/27/95 LAST NM 27/02	27/03	Characteristic of buoy "7" to Fl G 2s 11°03'07.4"N 74°49'49.6"W
Delete	Light	11°06'22"N 74°50'58"W	
Change	Visibility (range) of light to 13M Range light, front to Fl Y 2s 7m 13M 11°06'08"N 74°50'53"W	11°06'26"N 74°51'18"W 11°06'08"N 74°50'53"W	
	Range light, rear to Fl Y 5s 20m 12M 11°06'03"N 74°50'47"W	11°06'03"N 74°50'47"W	
	Range light, front to Iso 2s 14m 14M 11°03'50"N 74°50'39"W	11°03'50"N 74°50'39"W	
	Range light, rear to Iso 4s 24m 14M 11°03'30"N 74°50'35"W (56, 58, 59, 64, 65, 100/03 Bogota)	11°03'30"N 74°50'35"W	
24502	6Ed. 3/13/99 LAST NM 46/02 (Panel A)	27/03	Add Range light, front "E-1" 11°06'11.1"N 74°50'52.9"W Note: Range line remains
Delete	Light "F-1"	11°06'22.2"N 74°50'58.0"W	
	Range light, front "E-1" 11°06'11.1"N 74°50'52.9"W	11°06'11.1"N 74°50'52.9"W	
Relocate	Buoy "1" from 11°05'00.7"N 74°50'47.8"W to 11°04'58.0"N 74°50'46.4"W and change period to 3s	11°05'00.7"N 74°50'47.8"W to 11°04'58.0"N 74°50'46.4"W	
	Buoy "3" from 11°04'18.8"N 74°50'38.9"W to 11°04'12.0"N 74°50'36.3"W and change characteristic to Fl G 2s	11°04'18.8"N 74°50'38.9"W to 11°04'12.0"N 74°50'36.3"W	
	Buoy "11" from 11°01'48.5"N 74°47'45.1"W to 11°01'51.1"N 74°47'53.6"W and change characteristic to Fl G 3s	11°01'48.5"N 74°47'45.1"W to 11°01'51.1"N 74°47'53.6"W	
	Buoy "12" from 11°01'42.9"N 74°47'53.6"W to 11°01'44.6"N 74°47'57.6"W and change characteristic to Fl R 3s	11°01'42.9"N 74°47'53.6"W to 11°01'44.6"N 74°47'57.6"W	
Change	Visibility (range) of light to 13M 11°06'23.0"N 74°51'17.6"W	11°06'23.0"N 74°51'17.6"W	
	Range light, rear to "E-3" Fl Y 5s 20m 12M with visible sector 132°-140° 11°06'06.0"N 74°50'48.0"W	11°06'06.0"N 74°50'48.0"W	
	Beacon to "X-4" Fl R 6s 8m 3M 11°05'35.1"N 74°51'06.7"W	11°05'35.1"N 74°51'06.7"W	
	Beacon to "X-8" Fl R 4s 8m 3M 11°04'54.0"N 74°50'57.1"W	11°04'54.0"N 74°50'57.1"W	
	Light to "E-4" Dir Fl 4s 9m 4M with visible sector 318°-324° 11°04'12.6"N 74°50'48.4"W Note: Leading line "321°54'" remains	11°04'12.6"N 74°50'48.4"W	
	Beacon to "X-12" Fl R 5s 8m 3M 11°03'53.7"N 74°50'38.3"W	11°03'53.7"N 74°50'38.3"W	
	Range light, front to "E-6" Iso 2s 14m 14M with visible sector 166°-170° 11°03'53.4"N 74°50'39.0"W	11°03'53.4"N 74°50'39.0"W	
25600	47Ed. 11/6/93 LAST NM 25/03 Add Position circle "R MAST (2 R Lts)" (12(1477)03 Taunton)	27/03	Characteristic of buoy "17" to Fl G 3s 11°00'21.9"N 74°46'01.4"W
			Characteristic of buoy "18" to Fl R 3s 11°00'15.0"N 74°46'10.2"W
			Characteristic of buoy "19" to Fl G 5s 10°59'55.8"N 74°45'44.4"W
			Characteristic of buoy "21" to Fl G 3s 10°59'17.9"N 74°45'29.8"W
			Period of buoy "25" to 3s 10°57'34.3"N 74°45'18.5"W (56-95, 100/03 Bogota)

SECTION I

NM 27/03

25613	2Ed. 1/28/95 LAST NM 25/03 Add Legend "(2 R Lts)" to position circle "R MAST" (12(1477)03 Taunton)	27/03 18°13'09"N 63°01'12"W	37148	13Ed. 4/26/97 LAST NM 11/03 Relocate Buoy "Woodbridge Haven" from 51°58'10"N 1°23'46"E to (7/03 Trinity House)	27/03 51°58'32"N 1°24'15"E
35008	21Ed. 10/19/96 LAST NM 25/03 Add Depth 94 meters "Prod. Well" [L20] Depth 104 meters Well [L21.2] Submarine pipeline [L40.1] joining (22(2385)03 Taunton)	27/03 58°11.5'N 1°20.9'W 58°12.4'N 1°22.8'W 58°11.5'N 1°20.9'W 58°10.5'N 1°22.7'W 58°11.8'N 1°23.4'W 58°12.4'N 1°22.8'W	37150	8Ed. 12/20/97 LAST NM 26/03 Delete Buoy "BP 5" Substitute Depth 24 meters Obstn for 18 meters Well (26(332)97, 35(437), 40(506), 41(523)02 's-Gravenhage)	27/03 52°53'42"N 3°26'00"E 52°53'44"N 3°26'26"E
35036	21Ed. 8/23/97 LAST NM 15/03 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58.7'N 6°19.4'W	37162	12Ed. 5/18/96 LAST NM 26/03 Delete Depth 24 meters Wk Depth 22 meters Obstn Platform "P 2-NE" Platform "P 2-SE"	27/03 52°52.2'N 4°00.8'E 53°03.4'N 4°08.4'E 52°59.1'N 3°30.0'E 52°53.7'N 3°26.4'E
35081	15Ed. 3/8/97 LAST NM 22/03 Add Depth 6 meters Obstn [K41] (22(2384)03 Taunton)	27/03 56°01'42"N 3°10'37"W	 Substitute Depth 25 meters Wk [K26] for 26 meters Wk Depth 24.5 meters Wk [K26] for 23.5 meters Wk Depth 28 meters Wk [K26] for 29 meters Wk Swept depth 25.5 meters Wk [K27] for 26 meters Wk Foul ground symbol [K31] for 23.5 meters Wk	52°58.1'N 4°22.9'E 52°55.2'N 3°54.2'E 52°59.8'N 4°17.4'E 53°03.8'N 4°15.4'E 52°53.9'N 4°20.5'E	
35082	7Ed. 8/8/98 LAST NM 22/03 Add Depth 6 meters Obstn [K41] (22(2384)03 Taunton)	27/03 56°01'41.8"N 3°10'37.5"W	 Disused submarine pipeline [L44] for submarine pipeline between	52°59.0'N 3°30.0'E 52°45.3'N 3°34.8'E	
36005	(INT 1070) 2Ed. 2/24/96 LAST NM 25/03 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58.8'N 6°19.5'W	 Depth 2.5 meters Wk [K26] for dangerous wreck Depth 17.5 meters Wk [K26] for 18.5 meters Wk Depth 18 meters Wk [K26] for 19.9 meters Wk	51°55.6'N 3°58.5'E 52°21.2'N 4°13.9'E 52°23.0'N 4°11.6'E	
36015	2Ed. 3/1/97 LAST NM 46/02 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58.8'N 6°19.3'W	 Depth 19.5 meters Wk [K26] for wreck	52°10.3'N 4°07.8'E	
36120	9Ed. 2/8/97 LAST NM 23/03 Add Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s (28/02 Trinity House)	27/03 53°40.1'N 3°05.5'W	 Add Depth 24 meters Obstn [K41] Depth 33 meters Wk [K26] Depth 38 meters Wk [K26] Depth 39 meters Wk [K26] Depth 26.5 meters Wk [K26] Depth 29.5 meters Wk [K26] Foul ground symbol [K31] Depth 25.5 meters Wk [K26] Depth 25.5 meters Wk [K26] Depth 25 meters Wk [K26] Depth 31 meters Wk [K26] Depth 25.5 meters Obstn [K41] Depth 28.5 meters Obstn [K41] Depth 27.5 meters Obstn [K41] Depth 20.8 meters Foul ground symbol [K31]	52°53.7'N 3°26.4'E 52°42.3'N 3°22.7'E 52°46.6'N 3°23.3'E 52°46.6'N 3°21.6'E 52°52.2'N 4°06.5'E 52°36.4'N 3°24.6'E 52°08.0'N 3°51.1'E 52°56.0'N 3°35.5'E 52°48.9'N 3°29.9'E 52°57.6'N 4°20.9'E 53°02.4'N 4°17.4'E 53°03.8'N 4°08.5'E 53°04.5'N 4°23.5'E 53°00.5'N 4°22.9'E 52°37.0'N 3°26.4'E 52°30.2'N 4°21.5'E	
36140	12Ed. 8/16/97 LAST NM 10/03 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58.8'N 6°19.3'W	 Depth 21.5 meters Well [L21.2] (unsurveyed)	52°52.3'N 4°12.4'E	
36165	6Ed. 9/6/97 LAST NM 10/03 Relocate Buoy "East Scarweather" from 51°27'57"N 3°46'54"W to (6/03 Trinity House)	27/03 51°27'58"N 3°46'46"W	 Depth 18 meters Wk [K26] Foul ground symbol [K31]	52°14.0'N 4°09.7'E 52°31.3'N 4°14.9'E	
36180	23Ed. 10/14/95 LAST NM 4/03 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58.7'N 6°19.3'W	 (24(309), 25(324), 28(362), 29(368), 31(396), 32(404), 34(427), 35(437), 36(445), 37(465), 40(506), 41(523), 44(550)02 's-Gravenhage)		
36182	6Ed. 7/3/93 LAST NM 40/02 Change Visibility (range) of light to 18M (34/02 Trinity House)	27/03 49°58'42"N 6°19'19"W	 Depth 21.5 meters Well [L21.2] (unsurveyed)		
37010	23Ed. 9/7/96 LAST NM 23/03 Delete "Depth Charge Area" in vicinity (31(399)02 's-Gravenhage)	27/03 53°58.0'N 2°56.0'E	 Depth 18 meters Wk [K26] Foul ground symbol [K31]	52°14.0'N 4°09.7'E 52°31.3'N 4°14.9'E	
37025	26Ed. 8/9/97 LAST NM 25/03 Change Light to Fl(2+3) WR 15M Siren Racon (48(651)00 Cadiz)	27/03 42°34.6'N 9°05.4'W	 37164 4Ed. 1/25/97 LAST NM 26/03 (Panel A)	27/03	
37120	2Ed. 3/22/97 LAST NM 26/03 Add Foul ground symbol [K31] (24(308)02 's-Gravenhage)	27/03 51°24.9'N 3°12.9'E	 Add Depth 18 meter Wk [K26] Depth 19.5 meter Wk [K26]	52°14'00"N 4°09'43"E 52°10'16"N 4°07'43"E	
37141	29Ed. 10/21/95 LAST NM 24/03 Relocate Buoy "E. Mouse" from 51°32'46"N 1°06'10"E to 51°32'57"N 1°06'30"E (36/02 Trinity House)	27/03 51°32'46"N 1°06'10"E 51°32'57"N 1°06'30"E	 Panel B Add Foul ground symbol [K31]	52°30'09"N 4°21'31"E	
			 Plan Delete Double solid line and land tint in vicinity	52°05'51.0"N 4°15'36.0"E	
			 Light	52°05'52.0"N 4°15'39.0"E	
			 (28(360), 29(368), 32(404)02 's-Gravenhage)		

SECTION I

37165	2Ed. 2/3/96 LAST NM 26/03 Delete Depth 36 meters Well Buoy Dangerous wreck Dangerous wreck Wreck Wreck Wreck Wreck Wreck Wreck Wreck	27/03 54°17.4'N 3°08.2'E 53°30.0'N 3°21.6'E 54°44.9'N 4°13.9'E 54°51.9'N 4°18.9'E 54°54.5'N 4°45.9'E 54°54.9'N 4°47.9'E 54°28.8'N 3°24.9'E 53°49.0'N 4°56.5'E 53°55.9'N 5°01.0'E 53°57.0'N 5°05.0'E	Depth 21.5 meters Well [L21.2] (unsurveyed) 52°52.3'N 4°12.4'E
Substitute	Depth 33 meters Wk [K26] for 28 meters Wk Foul ground symbol [K31] for Wk	53°43.9'N 4°52.9'E 53°51.2'N 4°56.8'E	Depth 18 meters Wk [K26] 52°14.0'N 4°09.7'E Depth 19.5 meters Wk [K26] 52°10.3'N 4°07.8'E Foul ground symbol [K31] 52°31.3'N 4°14.9'E (24(309), 25(324), 28(362), 29(368), 30(389), 31(396), 32(404), 33(411), 34(427), 35(437), 36(445, 446), 37(465), 38(486), 40(506), 41(523), 44(546, 550)02 's-Gravenhage)
Add	Depth 36 meters Wk [K26] Depth 38 meters Wk [K26] Foul ground symbol [K31] Depth 37 meters Wk [K26] Depth 38 meters Wk [K26] Depth 40 meters Wk [K26] Depth 35 meters Wk [K26] Depth 34 meters Wk [K26] Depth 36 meters Wk [K26] Depth 34 meters Wk [K26] Foul ground symbol [K31] Depth 32 meters Wk [K26] Depth 39 meters Wk [K26]	54°14.7'N 5°51.0'E 54°18.6'N 5°40.9'E 54°09.6'N 5°33.9'E 54°15.5'N 5°34.6'E 54°16.3'N 5°10.1'E 54°15.1'N 5°09.2'E 53°56.0'N 5°07.2'E 53°52.3'N 5°04.8'E 53°49.1'N 4°53.8'E 53°47.1'N 4°53.7'E 54°10.9'N 5°18.8'E 53°50.3'N 4°59.5'E 54°14.5'N 5°26.9'E	27/03 Delete "Naval Exercise Area" in vicinity (31(399)02 's-Gravenhage)
	Depth 25 meters Well [L21.2] (unsurveyed) (28(362), 33(411), 35(437, 441), 36(446), 37(467), 38(486), 39(501)02 's-Gravenhage)	53°49.0'N 3°29.6'E	27/03
37166	2Ed. 7/13/96 LAST NM 26/03 Delete Depth 27.5 meters Wk Depth 24 meters Wk Buoy Platform Platform Wreck	27/03 52°56.6'N 4°02.4'E 52°52.3'N 4°00.8'E 53°30.0'N 3°21.6'E 52°59.1'N 3°30.0'E 52°53.7'N 3°26.4'E 53°49.0'N 4°56.5'E	27/03 Delete Wreck Depth 20 meters and legend "Prod Well" 53°18.5'N 4°27.0'E
	Depth 24 meters and legend "Production Well"	53°18.5'N 4°27.0'E	
Substitute	Depth 33 meters Wk [K26] for 28 meters Wk Platform (lighted) "K 15-FK-1" [L2] for depth 21 meters "Well" Depth 24.5 meters Wk [K26] for 23.5 meters Wk Depth 25 meters Wk [K26] for 26 meters Wk Swept depth 25.5 meters Wk [K27] for 26 meters Wk Swept depth 21 meters Wk [K27] for 22 meters Wk Depth 25.5 meters Obstn [K41] for 22 meters Obstn (unsurveyed)	52°43.9'N 4°52.9'E 53°13.0'N 3°55.1'E 52°55.5'N 3°54.3'E 52°58.1'N 4°22.9'E 53°03.8'N 4°15.4'E 53°06.9'N 4°31.2'E 53°03.4'N 4°08.4'E	27/03 Substitute Depth 33 meters Wk [K26] for 28 meters Wk Depth 24.5 meters Wk [K26] for 23.5 meters Wk Depth 28 meters Wk [K26] for 29 meters Wk Depth 25 meters Wk [K26] for 26 meters Wk Swept depth 25.5 meters Wk [K27] for 26 meters Wk Swept depth 21 meters Wk [K27] for 22 meters Wk
	Disused submarine pipeline [L44] for submarine pipeline between	52°59.0'N 3°30.0'E 52°45.3'N 3°34.8'E	
	Depth 2.5 meters Wk [K26] for dangerous wreck Depth 17.5 meters Wk [K26] for 18.5 meters Wk Depth 18 meters Wk [K26] for 19.9 meters Wk	51°55.6'N 3°58.5'E 52°21.2'N 4°13.9'E 52°23.0'N 4°11.6'E	27/03 Change Legend "Wks" to "Wk"
Add	Depth 24 meters Obstn [K41] Depth 33 meters Wk [K26] Depth 38 meters Wk [K26] Depth 39 meters Wk [K26] Depth 26.5 meters Wk [K26] Depth 36 meters Wk [K26] Depth 34 meters Wk [K26] Depth 29.5 meters Wk [K26] Foul ground symbol [K31] Depth 25.5 meters Wk [K26] Depth 26.5 meters Wk [K26] Depth 27 meters Obstn [K41] Depth 20.8 meters Depth 25 meters Well [L21.2] (unsurveyed)	52°53.7'N 3°26.4'E 52°42.3'N 3°22.7'E 52°46.6'N 3°23.3'E 52°46.6'N 3°21.6'E 52°52.2'N 4°06.5'E 53°49.1'N 4°53.8'E 53°47.1'N 4°53.7'E 52°36.4'N 3°24.6'E 52°08.0'N 3°51.1'E 52°48.9'N 3°29.9'E 53°08.4'N 4°24.8'E 53°06.4'N 4°22.9'E 52°37.0'N 3°26.4'E 53°49.0'N 3°29.6'E	27/03 Add Depth 36 meters Wk [K26] Depth 34 meters Wk [K26] Depth 25 meters Wk [K26] Depth 31 meters Wk [K26] Depth 31 meters Wk [K26] Depth 26.5 meters Wk [K26] Depth 28.5 meters Wk [K26] Depth 28.5 meters Obstn [K41] Depth 27.5 meters Obstn [K41] Depth 27 meters Obstn [K41] Depth 6.4 meters Wk [K26] (30(389), 33(411), 35(437), 36(450), 44(550)02 's-Gravenhage)
	Foul ground symbol [K31]	52°30.2'N 4°21.5'E	27/03 Add Note "DATUM NOTE Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 2.0" Northward and 4.7" Eastward to agree with this plan." 53°46'00"N 9°05'30"E
			27/03 (Plan A) Add Note "DATUM NOTE Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 2.4" Northward and 4.4" Eastward to agree with this plan." 53°54'15.0"N 9°07'39.0"E
			27/03 (Plan B) Add Note "DATUM NOTE Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 2.4" Northward and 4.4" Eastward to agree with this plan." 53°54'15.0"N 9°07'39.0"E
			(NTM0018/2003)

SECTION I

NM 27/03

37241	17Ed. 8/2/97 LAST NM 26/03	27/03	Designation of buoy "DL20" to "DL12" 51°27'54.0"N 3°30'12.0"E
	Substitute Depth 2.5 meters Wk [K26] for dangerous wreck (28(362)02 's-Gravenhage)		Buoy "OG15" to "OG19" G, conical, VQ G 51°27'36.0"N 3°30'48.0"E
37243	7Ed. 5/23/98 LAST NM 13/00 (Panel A)	27/03	Buoy "OG4" to "OG14" R, can, VQ R 51°27'30.0"N 3°31'24.0"E
Delete	Buoy Legend "Works in progress (1999)" 51°54'00.0"N 4°26'12.0"E 51°52'36.0"N 4°24'33.0"E		Buoy "OG17" to "OG21" G, conical, Iso G 4s 51°27'24.0"N 3°31'24.0"E
Add	Land tint to area bound by shore and solid line between 51°52'40.0"N 4°24'49.8"E 51°52'48.0"N 4°24'16.8"E and delete hydrography within above area (25(320), 37(463)02 's-Gravenhage)		Characteristic of buoy "SG1" to Iso G 8s 51°26'48.0"N 3°32'30.0"E
37244	11Ed. 2/1/97 LAST NM 26/03	27/03	Buoy to "SG-2" R, can, Iso R 4s 51°26'48.0"N 3°33'24.0"E
Substitute	Depth 2.5 meters Wk [K26] for dangerous wreck	51°55.6'N 3°58.5'E	Add Foul ground symbol [K31] 51°24'55.2"N 3°12'54.0"E
Add	Foul ground symbol [K31] 51°46.7'N 3°19.4'E Depth 3.8 meters 51°38.6'N 3°25.1'E Foul ground symbol [K31] 51°24.9'N 3°12.9'E (24(308), 28(362), 39(497, 504)02 's-Gravenhage)		Buoy "OG16" R, can, Iso R 8s 51°27'24.0"N 3°32'24.0"E
37246	14Ed. 5/16/98 LAST NM 24/03	27/03	Buoy "SG-4" R, can, QR 4s 51°26'42.0"N 3°33'42.0"E
Delete	Buoy "OG19" 51°26'54"N 3°31'54"E Buoy "SG5" 51°26'42"N 3°33'12"E		Designation "SG-W" to buoy 51°26'30.0"N 3°33'42.0"E
Relocate	Buoy "E-3c" from 51°23'12"N 3°45'36"E to 51°23'18"N 3°45'40"E		(24(308), 28(362), 39(497, 504)02 's-Gravenhage; Neth CH 116)
Substitute	Depth 0.9 meter Wk [K26] for 1.2 meters Wk	51°25'39"N 3°38'29"E	
Change	Buoy "OG4" to "OG14" R, can, VQ R 51°27'30"N 3°31'24"E Buoy "OG17" to "OG21" G, conical, Iso G 4s 51°27'24"N 3°31'24"E Characteristic of buoy "SG1" to Iso G 8s 51°26'48"N 3°32'30"E		
Add	Depth 4.2 meters Wk [K26] 51°22'50"N 3°42'38"E Depth 4.8 meters enclosed by depth contour (5 meter) 51°23'21"N 3°45'18"E (19(142)01 Oostende; 27(342), 45(557)02 's-Gravenhage; Neth CH 116)		
37248	18Ed. 2/14/98 LAST NM 26/03	27/03	
Delete	Submarine cable between	51°23'00.0"N 3°24'13.2"E 51°27'42.0"N 3°31'48.0"E	
	Buoy "GR7" 51°31'06.0"N 3°24'24.0"E Buoy "OG19" 51°26'54.0"N 3°31'54.0"E Buoy "SG5" 51°26'42.0"N 3°33'12.0"E		
Change	Buoy "OG3A" to "OG7" G, conical, Iso G 4s 51°31'54.0"N 3°25'06.0"E Buoy "OG5" to "OG9" G, conical, VQ G 51°31'12.0"N 3°25'30.0"E Designation of buoy "OG7" to "OG11" 51°30'36.0"N 3°26'24.0"E Designation of buoy "DL12" to "DL4" 51°30'24.0"N 3°25'24.0"E Designation of buoy "DL11" to "DL1" 51°30'18.0"N 3°24'24.0"E Designation of buoy "DL11A" to "DL3" 51°29'30.0"N 3°25'36.0"E Designation of buoy "DL14" to "DL6" 51°29'18.0"N 3°26'24.0"E Buoy "OG9" to "OG13" G, conical, Iso G 8s 51°30'12.0"N 3°27'24.0"E Designation of buoy "OG11" to "OG15" 51°29'24.0"N 3°28'30.0"E Designation of buoy "DL16" to "DL8" 51°29'06.0"N 3°27'18.0"E Designation of buoy "DL13" to "DL5" 51°28'42.0"N 3°26'48.0"E Designation of buoy "OG13" to "OG17" 51°29'06.0"N 3°29'36.0"E Designation of buoy "DL18" to "DL10" 51°28'36.0"N 3°28'36.0"E Designation of buoy "DL15" to "DL7" 51°28'18.0"N 3°28'36.0"E Designation of buoy "DL17" to "DL9" 51°27'54.0"N 3°29'24.0"E		
43030	24Ed. 4/5/97 LAST NM 22/03	27/03	
Add	Dangerous wreck [K28] (18(106)03 Kobenhavn)		
43060	4Ed. 11/4/95 LAST NM 44/02	27/03	
Add	Danger circle "Obstn (Marine farm)" (3(158)03 Stavanger)	70°45.9'N 27°49.7'E	
43281	6Ed. 2/7/98 LAST NM 20/02	27/03	
Substitute	Danger circle "Obstn (Marine farm)" for depth 20 meters	62°14'36"N 5°29'37"E	
Add	Danger circle "Obstn (Marine farm)" (3(145)03 Stavanger)	62°13'03"N 5°29'43"E	
43283	6Ed. 8/17/96 LAST NM 19/01	27/03	
Add	Danger circle "Obstn (Marine farm)" 62°13'03"N 5°29'43"E		
	Danger circle "Obstn (Marine farm)" 62°14'36"N 5°29'37"E		
	Danger circle "Obstn (Marine farm)" 62°06'24"N 5°21'20"E		
	Danger circle "Obstn (Marine farm)" 62°06'55"N 5°25'40"E		
	Danger circle "Obstn (Marine farm)" 62°05'52"N 5°28'51"E		
	Danger circle "Obstn (Marine farm)" 62°03'20"N 5°28'45"E (3(145), 4(189)03 Stavanger)		
43287	2Ed. 1/24/98 LAST NM 4/99	27/03	
Substitute	Danger circle "Obstn (Marine farm)" for depth 20 meters	62°14'36"N 5°29'37"E	
Add	Danger circle "Obstn (Marine farm)" (3(145)03 Stavanger)	62°13'03"N 5°29'43"E	
43323	4Ed. 6/5/99 LAST NM 30/02	27/03	
Add	Danger circle "Obstn (Marine farm)" (8(378)03 Stavanger)	59°48'02"N 5°19'49"E	
43324	4Ed. 9/18/99 LAST NM 30/02	27/03	
Add	Danger circle "Obstn (Marine farm)" (8(378)03 Stavanger)	59°48'02"N 5°19'49"E	
43384	1Ed. 9/14/91 LAST NM 26/03	27/03	
Add	Buoy Y, spar, "X" topmark, Fl Y 3s 58°16'03"N 11°27'25"E Buoy Y, spar, "X" topmark 58°16'14"N 11°26'45"E (6(73)02 Norrkoping; Swd LL)		
44042	7Ed. 8/22/92 LAST NM 25/03	27/03	
Change	Buoy to "10/12" G, pillar, Fl(2) G 6s (16-17(429)00 Norrkoping)	57°40'30.6"N 11°44'25.8"E	

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44048	11Ed. 3/9/96 LAST NM 25/03 (Plan B)	27/03	44204	1Ed. 12/27/86 LAST NM 13/03	27/03
Change	Legend to "12.3m" (See 25/03-44048) (16-17(428)00 Norrkoping)	56°01'24.0"N 12°41'54.0"E	Add	Depth 7.4 meters enclosed by depth contour (10-meter) (30(561)01 Norrkoping)	60°40'21"N 17°23'19"E
44051	1Ed. 7/25/92 LAST NM 26/03 Delete Buoy (26(626)00 Norrkoping)	27/03 55°37'28.8"N 12°59'31.2"E	44205	2Ed. 4/9/94 LAST NM 26/03 Add Depth 7.4 meters enclosed by depth contour (10-meter) (30(561)01 Norrkoping)	27/03 60°40'21.4"N 17°23'19.0"E
44105	2Ed. 1/29/94 LAST NM 26/03 Add Submarine cable joining (33(759)00 Norrkoping)	27/03 56°08'28"N 14°58'05"E 56°08'19"N 14°58'03"E 56°08'01"N 14°58'29"E	44281	2Ed. 4/6/96 LAST NM 22/03 Add Beacon (34(768)00 Norrkoping)	27/03 65°26'10"N 22°14'22"E
44120	7Ed. 2/22/97 LAST NM 24/03 Substitute Depth 26 meters Wk [K26] for 13 meters Wk Add Dangerous wreck [K28] (15(95), 18(106)03 Kopenhagen)	27/03 55°04.2'N 14°37.1'E 54°53.9'N 14°28.7'E	44286	1Ed. 4/14/90 LAST NM 2/03 Delete Dashed line (overhead power cable) between (34(767)00 Norrkoping)	27/03 65°46'34.8"N 23°15'39.0"E 65°46'24.6"N 23°15'38.2"E
44178	2Ed. 4/13/96 LAST NM 26/03 Delete Buoy (30(559)01 Norrkoping)	27/03 58°57'43"N 18°10'08"E	44319	2Ed. 2/15/97 LAST NM 26/03 Add Racon [S3.1] at light (Supersedes 4/03-44319) (6(664)03 St. Petersburg)	27/03 60°02.2'N 27°49.6'E
44181	5Ed. 4/6/96 LAST NM 21/03 Add Submerged rock [K13] Submerged rock [K13] (30(560)01 Norrkoping)	27/03 59°15'16.2"N 18°44'08.4"E 59°15'25.2"N 18°44'00.0"E	44360	9Ed. 10/12/96 LAST NM 20/03 Add Racon [S3.1] at light (Supersedes 4/03-44360) (6(664)03 St. Petersburg)	27/03 60°02.2'N 27°49.6'E
44182	4Ed. 5/28/94 LAST NM 18/03 Add Disused submarine cable [L32] between 59°18'43.2"N 18°06'04.0"E 59°18'43.2"N 18°06'08.0"E Disused submarine cable [L32] between 59°19'22.0"N 18°08'05.4"E 59°19'03.6"N 18°08'13.2"E Submarine cable (power) [L31.1] between 59°18'21.6"N 18°05'36.6"E 59°18'25.2"N 18°05'39.6"E Submarine cable (power) [L31.1] between 59°18'46.4"N 18°06'07.2"E 59°18'43.2"N 18°06'08.0"E (6(81)02 Norrkoping)	27/03	44361	6Ed. 7/13/96 LAST NM 26/03 (Plan) Delete Buoy "13" Buoy Add Buoy YBY, Q(9) 15s Buoy YBY, Q(9) 15s (5(519)03 St. Petersburg)	27/03 59°53'37.0"N 30°13'33.5"E 59°53'28.5"N 30°13'22.0"E 59°53'37.7"N 30°13'31.9"E 59°53'30.6"N 30°13'16.9"E
44183	6Ed. 4/19/97 LAST NM 25/03 Add Solid line (breakwater) [F4.1] between 59°20'32"N 18°13'38"E 59°20'34"N 18°13'44"E (44(814)01 Norrkoping)	27/03	44365	1Ed. 8/3/91 LAST NM 26/03 Delete Swept area "2.8 meters (1980)" bound by dashed line joining.	27/03 60°40'35.5"N 28°39'31.5"E 60°41'29.0"N 28°39'55.5"E 60°41'40.0"N 28°39'31.5"E 60°42'51.0"N 28°41'32.0"E 60°42'46.0"N 28°41'39.0"E 60°41'52.0"N 28°40'01.0"E 60°41'27.5"N 28°40'15.0"E 60°40'36.0"N 28°39'37.0"E (28(4204)02 St. Petersburg)
44185	7Ed. 3/23/96 LAST NM 10/03 Relocate Buoy from 59°14'58.0"N 19°02'56.6"E to 59°14'56.2"N 19°03'00.6"E Buoy "Prejaren" from 59°12'26.8"N 19°07'07.5"E to 59°12'29.2"N 19°07'11.5"E Buoy from 59°11'46.5"N 18°57'24.0"E to 59°11'45.7"N 18°57'36.2"E Buoy from 59°09'42.0"N 19°01'12.6"E to 59°09'41.1"N 19°01'07.9"E (16-17(418)00 Norrkoping)	27/03	44400	4Ed. 9/7/96 LAST NM 25/03 Delete Legend "SS" from light Legend "SS" from light Change Height of light to 59m and delete legend "SS" (BA LL)	27/03 57°48.2'N 22°38.1'E 57°34.2'N 22°39.3'E 57°35.9'N 21°58.7'E
44186	2Ed. 6/15/96 LAST NM 25/03 Substitute Depth 1.5 meters Rk [K14.2] for rock awash (30(565)01 Norrkoping)	27/03 59°33'59"N 18°44'50"E	44410	4Ed. 2/8/97 LAST NM 26/03 Change Height of light to 59m and delete legend "Sig Sta" Height of light to 35m (4(29)02 Riga; BA LL)	27/03 57°35.9'N 21°58.7'E 57°45.9'N 21°43.3'E
44187	2Ed. 2/3/96 LAST NM 25/03 Add Buoy G, spar (36(820)00 Norrkoping)	27/03 59°46'38"N 18°57'33"E	44420	6Ed. 12/14/96 LAST NM 25/03 Change Light to Fl(2) 6s 59m 14M and delete legend "S Sig Sta" (4(29)02 Riga; BA LL)	27/03 57°35.9'N 21°58.7'E
44200	9Ed. 7/20/96 LAST NM 22/03 Add Depth 7.4 meters (30(561)01 Norrkoping)	27/03 60°40.3'N 17°23.3'E	44462	4Ed. 3/16/96 LAST NM 19/02 Add Buoy "1" G, pillar, Fl G 6s Buoy "2" R, pillar, Fl R 6s (24(376)02 Gdynia)	27/03 54°22'22.2"N 18°46'40.2"E 54°22'22.4"N 18°46'43.0"E
51007	22Ed. 12/18/93 LAST NM 7/03 Add Racon at light [S3.1] (48(651)00 Cadiz)	27/03 42°34.6'N 9°05.4'W			

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NM 27/03

51100	7Ed. 10/22/94 LAST NM 14/03 Change Light to Fl(2+3) WR 20s 32m 15M Siren Racon (48(651)00 Cadiz)	27/03 42°34.6'N 9°05.4'W	33°45.8'S 18°13.6'E 33°46.5'S 18°11.0'E 33°46.2'S 18°06.2'E 33°48.2'S 18°00.0'E 33°51.0'S 17°58.9'E 33°51.8'S 17°57.8'E 33°53.0'S 17°53.8'E 33°53.0'S 17°45.3'E 33°54.6'S 17°43.7'E 33°55.4'S 17°41.0'E 33°55.6'S 17°38.0'E 33°57.9'S 17°29.1'E 33°59.0'S 17°26.4'E 33°59.3'S 17°24.3'E 33°59.4'S 17°23.5'E 34°00.9'S 17°17.8'E
52220	7Ed. 7/1/89 LAST NM 43/99 Change Light to Fl(3) 20s 220m 28M Add Light to buoy (wavemeter) Fl(5) Y 20s	27/03 36°46'30"N 5°06'18"E 36°51'00"N 5°52'45"E	33°42.7'S 18°22.5'E 33°50.2'S 17°43.2'E 33°50.3'S 17°36.0'E 33°50.5'S 17°34.7'E 33°50.7'S 17°21.4'E 33°52.8'S 17°17.3'E
(Plan) Change	Light to Fl(3) 20s 220m 28M (22(1)01, 19(1)02 Alger; BA LL)	36°46'36"N 5°06'18"E	(NTM0018/2003)
52221	7Ed. 6/3/95 LAST NM 43/99 Change Period of light to 20s	27/03 36°46'36.0"N 5°06'18.0"E	Submarine cable [L30.1] joining
	Add Buoy (wavemeter) Y, spherical, Fl(5) Y 20s (11(1)01, 19(1)02 Alger)	36°45'14.2"N 5°06'25.6"E	33°42.7'S 18°22.5'E 33°50.2'S 17°43.2'E 33°50.3'S 17°36.0'E 33°50.5'S 17°34.7'E 33°50.7'S 17°21.4'E 33°52.8'S 17°17.3'E
52223	4Ed. 6/3/95 LAST NM 35/97 (Plan) Add Buoy (wavemeter) Y, spherical, Fl(5) Y 20s (18(3)01 Alger)	27/03 36°53'37"N 6°56'16"E	57484 19Ed. 5/31/97 LAST NM 24/03 Delete Submarine cable between
52240	9Ed. 5/20/89 LAST NM 51/98 (Plan) Change Visibility (range) of light to 28M (19(1)02 Alger; BA LL)	27/03 36°46'36"N 5°06'18"E	33°42'29.8"S 18°26'33.1"E 33°45'29.4"S 18°15'20.0"E Submarine cable between
55103	2Ed. 4/6/96 LAST NM 26/03 Add Buoy (mooring) [Q40] (9(1146)03 St. Petersburg)	27/03 44°36'04.5"N 33°31'45.0"E	33°42'29.2"S 18°25'52.9"E Submarine cable between
55127	2Ed. 4/20/96 LAST NM 24/03 (Plan) Delete Buoy (28(4235)02 St. Petersburg)	27/03 47°03'25.0"N 37°30'40.5"E	33°43'59.8"S 18°15'20.0"E (See 15, 23/03-57484) Add Submarine cable [L30.1] joining
55128	2Ed. 3/18/00 LAST NM 26/03 Add Light Q(6) LFl 15s to buoy (See 33/02-55128) (28(4231)02 St. Petersburg)	27/03 44°40'32.0"N 37°52'50.0"E	33°42'31.3"S 18°26'33.9"E 33°42'54.8"S 18°24'24.1"E 33°42'58.9"S 18°24'01.6"E 33°43'30.1"S 18°21'07.7"E 33°43'59.6"S 18°19'58.7"E 33°44'34.4"S 18°17'00.4"E 33°44'54.0"S 18°15'20.0"E Submarine cable [L30.1] joining
55129	7Ed. 6/15/96 LAST NM 15/03 Add Light Q(6) LFl 15s to buoy (See 33/02-55129) (28(4231)02 St. Petersburg)	27/03 44°40'32"N 37°52'50"E	33°42'29.5"S 18°26'33.5"E 33°42'30.6"S 18°26'26.3"E 33°42'28.7"S 18°25'55.1"E 33°42'28.5"S 18°25'21.9"E 33°42'28.0"S 18°25'01.1"E 33°42'40.6"S 18°22'29.2"E 33°42'43.1"S 18°21'59.9"E 33°42'52.3"S 18°21'16.2"E 33°42'55.9"S 18°21'00.3"E 33°43'27.0"S 18°19'00.1"E 33°44'06.2"S 18°15'37.1"E 33°44'09.6"S 18°15'20.0"E (NTM0018/2003)
55190	2Ed. 10/5/96 LAST NM 20/03 Add Platform "I" [L2] (6(709)03 St. Petersburg)	27/03 45°36.8'N 36°03.3'E	61000 20Ed. 10/7/95 LAST NM 23/03 Add Wreck [K29] (PA) (3(36)03 Cape Town)
55200	2Ed. 8/17/96 LAST NM 26/03 Add Danger circle "Obstn" [K40] (9(1149)03 St. Petersburg)	27/03 45°20.0'N 36°30.2'E	61020 2Ed. 11/25/95 LAST NM 28/02 Delete Depth 283 meters (See 28/02-61020) (19(1958)02 Taunton)
*56060	9Ed. 4/12/03 NEW EDITION Add Depth 30 meters Wk [K26] Platform "Mari-B" [L10] (Previously published 16/03)	27/03 32°01.0'N 34°39.3'E 31°44.1'N 34°17.7'E	61060 5Ed. 8/10/96 LAST NM 12/03 Add Wreck [K29] (PA) (3(36)03 Cape Town)
Change	Line 4 of ISREAL-LEBANON: ENTRY PROHIBITED AREAS Note to "...In Area 69B" (NIMA)	31°18.5'N 34°40.0'E	61090 5Ed. 10/21/95 LAST NM 12/03 Add Submarine cable [L30.1] joining
57480	8Ed. 9/21/96 LAST NM 23/03 Delete Submarine cable between	27/03 33°42.7'S 18°22.5'E 33°52.0'S 17°18.7'E	28°57.9'S 31°46.1'E 28°58.4'S 31°46.3'E 28°59.2'S 31°46.6'E 29°00.0'S 31°47.3'E 29°01.6'S 31°48.0'E 29°04.1'S 31°48.0'E 29°07.0'S 31°49.3'E 29°18.0'S 31°52.7'E 29°20.4'S 31°53.9'E 29°24.2'S 31°54.6'E 29°28.8'S 31°55.2'E
Add	Submarine cable [L30.1] joining	33°42.5'S 18°26.6'E 33°45.1'S 18°14.4'E	(continued on next page)

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61090	(Continued)				
		29°31.6'S 31°56.5'E 29°33.6'S 31°58.1'E 29°34.8'S 31°59.7'E 29°44.4'S 32°18.1'E	Add	Depth 7 meters Depth 7.3 meters Depth 7.9 meters Depth 5.8 meters Depth 0.3 meter enclosed by depth contour (1-meter) Depth 7.3 meters Depth 6.9 meters	11°16.9'S 143°50.9'E 11°13.0'S 143°37.4'E 11°11.9'S 143°41.1'E 11°10.8'S 143°52.6'E 11°06.3'S 143°29.2'E 11°22.5'S 143°48.2'E 11°33.6'S 143°57.2'E
	(NTM0018/2003)			(14(395)00, 5(161)03 Wollongong)	
61091	5Ed. 8/31/96 LAST NM 24/03 Delete Position circle "SIG TR"	27/03 29°52'32.0"S 31°03'27.5"E			
Add	Position circle "Radar Sc RW 93m" [E30.3] Position circle "SS (INT) (R Lt) 146m" [T21]	29°52'23.9"S 31°03'36.3"E 29°52'32.8"S 31°03'27.3"E			
	(3(37)03 Cape Town)				
61092	13Ed. 1/5/91 LAST NM 18/03 Delete Position circle and legend "SIGNAL TOWER (99)"	27/03 29°52'31.8"S 31°03'27.9"E			
Add	Position circle "SS (INT) (R Lt) 146m" [T21] Position circle "Radar Sc RW 93m" [E30.3]	29°52'32.8"S 31°03'27.3"E 29°52'23.9"S 31°03'36.3"E			
	(3(37)03 Cape Town)				
61111	12Ed. 2/15/97 LAST NM 25/03 Relocate Buoy "1W" from 25°39'12"S 32°52'35"E to 25°39'10"S 32°52'34"E Buoy "3S" from 25°52'07"S 32°54'00"E to 25°52'04"S 32°53'59"E Buoy "1S" from 25°54'44"S 32°56'11"E to 25°54'38"S 32°56'10"E	27/03 (3(01MOZ)03 Cape Town)			
71018	10Ed. 3/23/96 LAST NM 26/03 Add Platform "E" [L2] Platform "ETA" [L2] Platform "EZA" [L2] Platform "FG" [L2] Platform "FH" [L2] Platform "FK" [L2] Platform "FN" [L2] Platform "FWA" [L2] Platform "MM-7" [L2]	27/03 5°54.6'S 107°55.6"E 5°59.0'S 107°57.3"E 5°58.2'S 107°55.6"E 6°06.6'S 108°09.0"E 6°05.9'S 108°08.8"E 6°06.7'S 108°10.2"E 5°59.9'S 108°08.2"E 5°56.0'S 108°06.5"E 5°55.7'S 107°16.1"E			
	(13(91, 92), 14(98, 99)03 Jakarta)				
71210	18Ed. 9/2/95 LAST NM 23/03 Add Platform "LC" [L2] (14(99)03 Jakarta)	27/03 5°03.3'S 107°29.2"E			
72000	8Ed. 8/5/95 LAST NM 24/03 Add Light symbol [P1] (12(85)03 Jakarta)	27/03 6°50.6'S 115°13.1"E			
72007	10Ed. 8/31/96 LAST NM 11/03 Add Light Fl 21M (12(85)03 Jakarta)	27/03 6°50.6'S 115°13.1"E			
72021	8Ed. 11/30/96 LAST NM 23/03 Add Light symbol [P1] (12(85)03 Jakarta)	27/03 6°50.6'S 115°13.1"E			
72035	8Ed. 9/26/98 LAST NM 21/03 Add Light Fl 5s 21M (12(85)03 Jakarta)	27/03 6°50.6'S 115°13.1"E			
72045	2Ed. 1/24/98 LAST NM 8/03 Add Light Fl 21M (12(85)03 Jakarta)	27/03 6°50.6'S 115°13.1"E			
72223	8Ed. 12/9/95 LAST NM 48/01 Add Light Fl 5s 45m 21M (12(85)03 Jakarta)	27/03 6°50'35"S 115°13'07"E			
74005	2Ed. 4/8/95 LAST NM 16/03 Delete Legend "Unsurveyed"	27/03 11°11.4'S 143°50.0"E			
	Substitute Depth 3.6 meters for 4.2 meters	11°10.2'S 143°31.7"E			

SECTION I

NM 27/03

74283	(Continued)					
Substitute	Depth 6.6 meters for 7.3 meters	11°17'07"S	143°35'28"E	Add	Depth 4.8 meters Wk [K26]	
	Depth 8.6 meters for 9.9 meters	11°15'25"S	143°36'46"E	(9310)03 Wollongong)	32°03'29.2"S 115°43'33.9"E	
	Depth 3.6 meters for 4.5 meters	11°10'19"S	143°32'16"E			
	Depth 3.6 meters for 4.3 meters	11°10'13"S	143°31'40"E	74582	9Ed. 2/10/96 LAST NM 20/03	
	Depth 6.2 meters for 9.2 meters	11°25'07"S	143°45'10"E	Delete	Depth 6.5 meters	27/03
	Depth 5.9 meters, blue tint and enclosing depth contour (10-meter) for 26.9 meters	11°33'31"S	143°58'10"E	Add	Depth 4.8 meters Wk [K26]	32°03'29.2"S 115°43'33.9"E
Add	Depth 7 meters, blue tint and enclosing depth contour (10-meter) centered	11°16'54"S	143°50'55"E	(9310)03 Wollongong)		
	Depth 7.4 meters, blue tint and enclosing depth contour (10-meter) centered	11°12'58"S	143°37'23"E	74584	5Ed. 7/22/95 LAST NM 26/03	27/03
	Depth 7.9 meters, blue tint and enclosing depth contour (10-meter) centered	11°11'55"S	143°41'07"E	Add	Depth 4.8 meters Wk [K26]	32°03'29.2"S 115°43'33.9"E
	Depth 7.5 meters, blue tint and enclosing depth contour (10-meter) centered	11°11'35"S	143°38'32"E	(9310)03 Wollongong)		
	Depth 5.8 meters, blue tint and enclosing depth contour (10-meter) centered	11°10'48"S	143°52'34"E	75025	9Ed. 12/10/94 LAST NM 25/03	27/03
	Depth 6.3 meters, blue tint and enclosing depth contour (10-meter) centered	11°10'45"S	143°50'09"E	Substitute	Depth 15.5 meters for 9.4 meters "Rep (1977)"	37°47.2'S 149°44.3"E
	Depth 7.3 meters, blue tint and enclosing depth contour (10-meter) centered	11°22'29"S	143°48'14"E	(9313)03 Wollongong)		
	Depth 6.9 meters, blue tint and enclosing depth contour (10-meter) centered	11°33'35"S	143°57'14"E	75035	18Ed. 3/18/95 LAST NM 26/03	27/03
	Depth 5 meters, blue tint and enclosing depth contour (10-meter) centered	11°30'19"S	143°52'53"E	Substitute	Depth 15.5 meters, blue tint and enclosing depth contour (20-meter) for 9.4 meters "Rep (1977)"	37°47.2'S 149°44.3"E
	Depth 4.3 meters, blue tint and enclosing depth contour (5-meter) centered	11°31'33"S	143°55'38"E	(9313)03 Wollongong)		
	Depth 8.4 meters, blue tint and enclosing depth contour (10-meter) centered	11°32'25"S	143°59'48"E	75240	4Ed. 7/1/95 LAST NM 4/03	27/03
(14390)00, 5(161), 9(307)03 Wollongong)			Delete	Depth 9.4 meters "Rep (1977)"	37°47.3'S 149°44.1"E	
			(9313)03 Wollongong)			
74290	11Ed. 9/6/97 LAST NM 16/03					
Delete	Depth 9.4 meters	10°30.0'S	141°37.2'E	75264	17Ed. 10/3/98 LAST NM 2/03	27/03
Add	Depth 7.3 meters and enclosing depth contour (10-meter) centered	10°26.3'S	141°33.5'E	Add	Charllet, depicting changes in hydrography, topography, and aids to navigation, from Subsection I-2	33°52'06.0"S 151°11'24.0"E
	Depth 7.7 meters and enclosing depth contour (10-meter) centered	10°27.1'S	141°35.1'E	(Aus CH 202)		
	Depth 9.2 meters and enclosing depth contour (10-meter) centered	10°28.6'S	141°34.2'E	*81054	13Ed. 2/03 LAST NM 14/03	27/03
	Depth 7.6 meters and enclosing depth contour (10-meter) centered	10°29.9'S	141°37.0'E	Delete	Depth 21 feet "Rep (2000)"	13°26'25.0"N 144°39'53.9"E
(15430)00 Wollongong)			(18/03 CG14)			
74292	8Ed. 8/29/98 LAST NM 9/03			*81076	9Ed. 9/19/98 LAST NM 16/03	27/03
Add	Position circle "Radar Tr"	10°31.74'S	142°13.13.39"E	Relocate	Light "1" from 15°11'50.0"N to 15°11'49.0"N	145°42'31.0"E
(15429)00 Wollongong)					145°42'31.0"E	
74295	3Ed. 9/19/98 LAST NM 9/03				Buoy "2" from 15°11'53.0"N to 15°11'53.0"N	145°42'29.0"E
Add	Position circle "Radar Tr"	10°31'44.4"S	142°13'23.4"E		145°42'30.1"E	
(15429)00 Wollongong)			(14/03 CG14)			
74296	4Ed. 4/17/99 LAST NM 9/03			94028	7Ed. 9/16/95 LAST NM 24/03	27/03
Delete	Depth 9.6 meters	10°29'49"S	141°37'13"E	Change	Light to Fl 6s 160m 18M	34°03.4'N 127°35.0'E
	Depth 11.8 meters	10°29'25"S	141°37'27"E	(47/606)00 Inchon)		
	Depth 14.8 meters	10°28'44"S	141°36'56"E	95066	11Ed. 11/21/98 LAST NM 25/03	27/03
Add	Depth 9.5 meters, blue tint and enclosing depth contour (10-meter) centered	10°28'38"S	141°33'46"E	Delete	Anchorage area and legend "Reserved", centered	37°18'53"N 126°24'55"E
	Depth 9.2 meters, blue tint and enclosing depth contour (10-meter) centered	10°28'35"S	141°34'10"E	Add	Anchor berth "E-1" [N11.2], radius 400 meters, centered	37°21'34"N 126°32'34"E
	Depth 7.6 meters, blue tint and enclosing depth contour (10-meter) centered	10°29'52"S	141°37'02"E		Anchorage area "A-9" [N12.2] bound by dashed line joining	37°25'05"N 126°35'39"E
	Depth 9.4 meters, blue tint and enclosing depth contour (10-meter) centered	10°29'28"S	141°37'42"E		37°25'10"N 126°35'16"E	
(15430)00 Wollongong)					37°24'12"N 126°34'54"E	
					37°24'06"N 126°35'18"E	
74420	3Ed. 8/9/97 LAST NM 19/03				"Reserved Anchorage" area [N12.9] bound by purple dashed line joining	37°19'33"N 126°25'48"E
Delete	Depth 15 meters	13°15.8'S	129°54.4'E			37°19'36"N 126°23'38"E
	Depth 13.5 meters	13°16.0'S	129°59.0'E			37°17'26"N 126°21'30"E
						37°17'36"N 126°23'42"E
Substitute	Depth 1.2 meters for 1.8 meters	13°13.1'S	129°56.3'E	95080	13Ed. 6/24/95 LAST NM 25/03	27/03
	Depth 4 meters for 4.4 meters	13°14.6'S	129°56.9"E	Add	Fish haven symbol [K46.1]	36°02'33"N 126°25'15"E
	(See 19/03-74420)			(12/178)03 Inchon)		
Add	Depth 9.6 meters, blue tint and enclosing depth contour (10-meter) centered	13°15.4'S	129°58.2"E	95082	9Ed. 5/28/94 LAST NM 25/03	27/03
	Depth 2.9 meters	13°12.8'S	128°58.7"E	Add	"Fish haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining	36°02'46"N 126°25'24"E
	Depth 12.4 meters	13°15.8'S	129°54.6"E			36°02'46"N 126°25'55"E
(9309)03 Wollongong)						36°02'20"N 126°25'55"E
74581	9Ed. 3/30/96 LAST NM 45/02					
Delete	Depth 6.5 meters	32°03'27.0"S	115°43'37.8"E			

(continued on next page)

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95082 (Continued)

36°02'20"N 126°24'35"E
 36°02'33"N 126°24'35"E
 36°02'33"N 126°25'24"E

(12(178)03 Inchon)

95085 4Ed. 6/11/94 LAST NM 12/03 27/03
 Add Light F 10m 7M 34°45'04.6"N 126°21'52.4"E
 (48(630)00 Inchon)

95086 5Ed. 6/18/94 LAST NM 23/03 27/03
 Add Light F 10m 7M 34°45'04.6"N 126°21'52.4"E
 (48(630)00 Inchon)

95100 12Ed. 3/2/96 LAST NM 25/03 27/03
 Change Light to Fl 6s 160m 18M 34°03'24"N 127°35'00"E

Add Dashed-line circle "Marine farm" 34°34'00"N 127°03'38"E
 (46(436), 47(606)00 Inchon)

95102 8Ed. 8/12/95 LAST NM 23/03 27/03
 Add "Marine farm" area bound by dashed line joining 34°34'13"N 127°03'43"E
 34°34'09"N 127°03'52"E
 34°33'46"N 127°03'39"E
 34°33'49"N 127°03'30"E
 (46(436)00 Inchon)

95103 8Ed. 5/18/96 LAST NM 19/03 27/03
 Change Light to Fl 6s 160m 18M 34°03'24"N 127°35'00"E
 (47(606)00 Inchon)

95138 8Ed. 2/5/94 LAST NM 25/03 27/03
 Delete Buoy "(No 13)" 34°50'56.0"N 127°47'45.0"E
 Buoy "(No 19)" 34°52'12.0"N 127°45'54.0"E

Change Buoy "(No 14)" to "2" R, pillar, cone topmark, Fl R 4s 34°51'17.0"N 127°48'06.0"E
 Buoy "(No 16)" to "4" R, pillar, cone topmark, Fl(2) R 5s 34°51'35.0"N 127°47'36.0"E
 Buoy "(No 20)" to "6" R, pillar, cone topmark, Fl(3) R 7s 34°52'24.0"N 127°46'00.0"E
 Buoy "(No 21)" to "7" G, pillar, can topmark, Fl(4) G 8s 34°52'33.0"N 127°45'21.0"E
 Designation of buoy "(No 7)" to "1" 34°51'58.0"N 127°45'05.0"E
 Designation of buoy "(No 8)" to "2" 34°52'05.0"N 127°45'05.0"E
 Designation of buoy "(No 9)" to "3" 34°51'54.0"N 127°44'24.0"E
 Designation of buoy "(No 10)" to "4" 34°52'03.0"N 127°44'26.0"E
 Designation of buoy "(No 12)" to "6" 34°51'59.0"N 127°43'52.0"E
 Designation of buoy "(No 14)" to "8" 34°51'57.0"N 127°43'37.0"E
 Buoy "(No 15)" to "9" G, pillar, can topmark, Fl G 4s 34°51'54.0"N 127°43'24.0"E
 Buoy "(No 1)" to "3" G, pillar, can topmark, Fl(2) G 5s 34°45'32.0"N 127°49'02.0"E
 Buoy "(No 2)" to "4" R, pillar, cone topmark, Fl(2) R 5s 34°45'38.0"N 127°49'35.0"E
 Buoy "(No 3)" to "5" G, pillar, can topmark, Fl(3) G 7s 34°46'32.0"N 127°48'46.0"E
 Buoy "(No 4)" to "6" R, pillar, cone topmark, Fl(3) R 7s 34°46'37.0"N 127°49'20.0"E
 Buoy "(No 5)" to "7" G, pillar, can topmark, Fl(4) G 8s 34°47'31.0"N 127°48'33.0"E
 Buoy "(No 6)" to "8" R, pillar, cone topmark, Fl(4) R 8s 34°47'36.0"N 127°48'51.0"E
 Buoy "(No 7)" to "9" G, pillar, can topmark, Fl G 4s 34°48'30.0"N 127°48'12.0"E
 Buoy "(No 8)" to "10" R, pillar, cone topmark, Fl R 4s 34°48'35.0"N 127°48'40.0"E
 Buoy "(No 9)" to "11" G, pillar, can topmark, Fl(2) G 5s 34°48'55.0"N 127°48'09.0"E
 Buoy "(No 10)" to "12" R, pillar, cone topmark, Fl(2) R 5s 34°49'34.0"N 127°48'29.0"E
 Buoy "(No 12)" to "14" R, pillar, cone topmark, Fl(3) R 7s 34°50'20.0"N 127°48'13.0"E

Add Buoy "1" G, pillar, can topmark, Fl G 4s 34°43'26.0"N 127°49'31.0"E
 Buoy "8" R, pillar, cone topmark, Fl(4) R 8s 34°52'47.0"N 127°45'36.0"E

Buoy "1" G, pillar, can topmark, Fl(2) G 5s 34°50'37.0"N 127°47'36.0"E
 Buoy "5" G, pillar, can topmark, Fl(3) G 7s 34°52'16.0"N 127°45'50.0"E

Designation "9" to buoy 34°52'54.0"N 127°45'12.0"E
 (12(169-171), 13(200)03 Inchon)

95140 15Ed. 10/7/95 LAST NM 25/03 27/03
 Change Light to Fl 6s 160m 18M 34°03'24"N 127°35'00"E

Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s 35°07'29"N 129°13'52"E
 (47(603, 606)00 Inchon)

95143 11Ed. 5/15/99 LAST NM 25/03 27/03
 Delete Buoy "13" 34°50'56"N 127°47'48"E

Change Buoy "No 14" to "2" R, pillar, cone topmark, Fl R 4s 34°51'17"N 127°48'06"E
 Buoy "No 16" to "4" R, pillar, cone topmark, Fl (2) R 5s 34°51'35"N 127°47'36"E
 Buoy "25" to "13" G, pillar, can topmark, Fl(3) G 7s 34°53'44"N 127°44'47"E
 Buoy "No 27" to "15" G, pillar, can topmark, Fl(4) G 8s 34°53'53"N 127°44'41"E
 Buoy "29" to "17" G, pillar, can topmark, Fl G 4s 34°54'06"N 127°43'18"E
 Buoy "1" to "3" G, pillar, can topmark, Fl(2) G 5s 34°45'32"N 127°49'02"E
 Buoy "2" to "4" R, pillar, cone topmark, Fl(2) R 5s 34°45'38"N 127°49'35"E
 Buoy "3" to "5" G, pillar, can topmark, Fl(3) G 7s 34°46'32"N 127°48'46"E
 Buoy "4" to "6" R, pillar, cone topmark, Fl(3) R 7s 34°46'37"N 127°49'20"E
 Buoy "5" to "7" G, pillar, can topmark, Fl(4) G 8s 34°47'31"N 127°48'33"E
 Buoy "6" to "8" R, pillar, cone topmark, Fl(4) R 8s 34°47'36"N 127°48'51"E
 Buoy "7" to "9" G, pillar, can topmark, Fl G 4s 34°48'30"N 127°48'12"E
 Buoy "8" to "10" R, pillar, cone topmark, Fl R 4s 34°48'35"N 127°48'40"E
 Buoy "9" to "11" G, pillar, can topmark, Fl(2) G 5s 34°48'55"N 127°48'09"E
 Buoy to "12" R, pillar, cone topmark, Fl(2) R 5s 34°49'34"N 127°48'29"E
 Buoy "12" to "14" R, pillar, cone topmark, Fl(3) R 7s 34°50'20"N 127°48'13"E
 (See 9/03-95143)

Add Buoy "1" G, pillar, can topmark, Fl G 4s 34°43'26"N 127°49'31"E
 Buoy "8" R, pillar, cone topmark, Fl(4) R 8s 34°52'47"N 127°45'36"E
 Buoy "1" G, pillar, can topmark, Fl(2) G 5s 34°50'37"N 127°47'36"E
 Buoy "5" G, pillar, can topmark, Fl(3) G 7s 34°52'16"N 127°45'50"E
 (12(169-171), 13(200)03 Inchon)

95149 9Ed. 6/12/99 LAST NM 25/03 27/03
 Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s 35°07'29"N 129°13'52"E
 (47(603)00 Inchon)

95160 13Ed. 8/19/95 LAST NM 25/03 27/03
 Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s 35°07.5'N 129°13.9'E
 (47(603)00 Inchon)

95161 16Ed. 9/8/01 LAST NM 25/03 27/03
 Delete Buoy (Supersedes 23/03-95161) 35°27'28.7"N 129°22'59.4"E
 (48(616)00 Inchon)

95164 4Ed. 4/9/94 LAST NM 9/03 27/03
 Delete Light 35°48'19.0"N 129°30'30.0"E
 Add Buoy Y, pillar, "X" topmark, Fl(3) Y 7s 35°48'16.9"N 129°30'30.8"E
 (12(167, 168)03 Inchon)

SECTION I

NM 27/03

95174	1Ed. 8/7/93 LAST NM 12/03 Delete Legend "Works...(2000)" (Supersedes 12/03-95174) (25(301)00 Inchon)	27/03 37°50'12.0"N 128°52'36.0"E	Add Land tint to area bound by shore and solid line joining 34°21'08"N 132°26'23"E 34°20'44"N 132°26'17"E 34°20'41"N 132°26'31"E 34°20'56"N 132°26'35"E 34°20'53"N 132°26'51"E
95262	13Ed. 4/18/98 LAST NM 9/03 Relocate Buoy from 39°47'36.0"N 140°00'54.0"E to (See 46/02-95262) (19(704)03 Tokyo)	27/03 39°47'35.0"N 140°00'51.7"E	"Being Reclaimed (2001)" area bound by dashed line joining 34°20'41"N 132°26'31"E 34°20'31"N 132°26'28"E 34°20'27"N 132°26'33"E 34°20'26"N 132°26'39"E 34°20'27"N 132°26'47"E 34°20'43"N 132°26'51"E 34°20'45"N 132°26'54"E 34°20'51"N 132°26'56"E and delete all hydrography within above area
97148	9Ed. 3/23/02 LAST NM 9/03 Add Legend "Ru" to dolphin Legend "Ru" to dolphin Legend "Ru" to dolphin (21(781)03 Tokyo)	27/03 35°24'06.0"N 139°38'27.0"E 35°24'06.0"N 139°38'28.0"E 35°24'06.0"N 139°38'29.0"E	Submarine pipeline between 34°20'31"N 132°26'28"E 34°20'25"N 132°26'16"E
97150	13Ed. 1/3/98 LAST NM 20/03 Delete Chimney symbol Add Radio tower symbol [E29] (19(706)03 Tokyo)	27/03 35°29'57.0"N 139°43'05.0"E	(19(701)03 Tokyo; Jpn CH W1112A)
97181	20Ed. 3/26/94 LAST NM 26/03 Add Depth 2.5 meters enclosed by depth contour (5-meter) (20(760)03 Tokyo)	27/03 34°45'41"N 137°06'04"E	97269 11Ed. 1/31/98 LAST NM 18/03 (Panel B) Delete Submarine pipeline between 34°20'43.0"N 132°26'25.0"E 34°20'25.0"N 132°26'16.0"E
97182	13Ed. 1/1/94 LAST NM 23/03 Add Depth 4 meters enclosed by depth contour (5-meter) Depth 4.7 meters enclosed by depth contour (5-meter) Depth 1.3 meters Depth 2.5 meters enclosed by depth contour (5-meter) Depth 3.4 meters enclosed by danger circle [I4] (20(760), 21(799)03 Tokyo)	27/03 34°46'46.0"N 137°07'27.0"E 34°46'55.0"N 137°07'10.0"E 34°46'45.0"N 137°05'58.0"E 34°45'41.0"N 137°06'04.0"E 34°42'41.0"N 137°03'59.0"E	Add "Being Reclaimed (2001)" area bound by shore and dashed line joining 34°20'41.2"N 132°26'30.9"E 34°20'31.0"N 132°26'28.0"E 34°20'30.0"N 132°26'31.0"E 34°20'27.0"N 132°26'33.0"E 34°20'26.0"N 132°26'39.0"E 34°20'28.0"N 132°26'44.0"E 34°20'27.2"N 132°26'46.8"E 34°20'43.0"N 132°26'51.5"E 34°20'45.0"N 132°26'54.0"E 34°20'51.5"N 132°26'55.6"E and delete all hydrography within above area
97188	2Ed. 6/25/94 LAST NM 22/03 Add Depth 4 meters enclosed by depth contour (5-meter) Depth 4.7 meters enclosed by depth contour (5-meter) Depth 1.3 meters Depth 2.5 meters enclosed by depth contour (5-meter) Depth 3.4 meters enclosed by danger circle [I4] (20(760), 21(799)03 Tokyo)	27/03 34°46'34"N 137°07'39"E 34°46'43"N 137°07'22"E 34°46'33"N 137°06'10"E 34°45'29"N 137°06'16"E 34°42'29"N 137°04'11"E	Submarine pipeline between 34°20'31.0"N 132°26'28.0"E 34°20'25.0"N 132°26'16.0"E (19(701)03 Tokyo; Jpn CH W1112A)
97228	15Ed. 1/24/98 LAST NM 22/03 Add Solid line (reclaimed area) joining 34°38'59.9"N 135°25'33.6"E 34°39'00.5"N 135°25'35.0"E 34°39'00.0"N 135°25'35.7"E 34°39'03.4"N 135°25'40.0"E 34°39'03.8"N 135°25'41.2"E 34°39'03.0"N 135°25'42.0"E and delete "Under Constr" area seaward of above line Double solid line with land tint (breakwater) between 34°38'59.5"N 135°25'40.4"E 34°39'00.0"N 135°25'35.7"E (19(710)03 Tokyo; Jpn CH W123)	27/03 34°38'59.9"N 135°25'33.6"E 34°39'00.5"N 135°25'35.0"E 34°39'00.0"N 135°25'35.7"E 34°39'03.4"N 135°25'40.0"E 34°39'03.8"N 135°25'41.2"E 34°39'03.0"N 135°25'42.0"E and delete "Under Constr" area seaward of above line Double solid line with land tint (breakwater) between 34°38'59.5"N 135°25'40.4"E 34°39'00.0"N 135°25'35.7"E	97279 9Ed. 8/30/97 LAST NM 9/03 Add Fish haven symbol [K46.1] (20(750)03 Tokyo)
97243	8Ed. 3/7/98 LAST NM 21/03 Change Vertical clearance of overhead cable to "(abt 48)" (21(783)03 Tokyo)	27/03 34°21'39.0"N 133°08'50.0"E	97342 14Ed. 8/30/97 LAST NM 22/03 Substitute Beacon R, cone topmark, Fl R 3s 11m 9M for light (19(701)03 Tokyo; Jpn CH W221)
97267	16Ed. 2/21/98 LAST NM 26/03 Delete Submarine pipeline between	27/03 34°21'06"N 132°26'37"E 34°20'25"N 132°26'16"E	97360 6Ed. 2/1/97 LAST NM 18/03 Delete Depth 160 meters Depth 319 meters Depth 550 meters Depth 118 meters, coral Depth 146 meters Depth 134 meters Depth 76 meters, sand Depth 104 meters Depth 173 meters, coral Depth 212 meters Depth 146 meters Depth 136 meters Depth 262 meters Depth 332 meters Depth 73 meters Depth 596 meters Depth 472 meters Substitute Height 27 meters for 28 meters Depth 27 meters for 29 meters Change Visibility (range) of light to 8M Add Depth 138 meters with enclosing depth contour (200-meter)

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97360 (Continued)

Depth 183 meters	30°04'07"N 130°02'40"E
Depth 80 meters	30°03'15"N 130°05'40"E
Depth 413 meters	30°03'10"N 129°57'40"E
Depth 50 meters	30°03'07"N 130°02'45"E
Depth 57 meters	30°02'52"N 130°04'30"E
Depth 266 meters	30°02'30"N 129°58'15"E

Ocean current arrow [H43] oriented 132° with
rate "1.1-2.1 kn" 30°07'30"N 130°07'18"E
(19(701)03 Tokyo)

97381 7Ed. 9/6/97 LAST NM 13/03 27/03
Substitute Beacon BRB, double ball topmark, Fl(2) 5s
19m 12M for light 31°51'12"N 130°03'00"E
(19(701)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 19/03 27/03
Delete Depth 469 meters 30°11.7"N 129°40.0"E
Depth 160 meters 30°08.9"N 130°04.5"E
Depth 356 meters 30°07.6"N 129°40.0"E
Depth 635 meters 30°07.5"N 129°34.0"E
Depth 550 meters 30°06.8"N 130°01.0"E
Depth 76 meters, sand 30°06.0"N 130°03.5"E
Depth 212 meters 30°04.9"N 130°02.0"E
Depth 400 meters 30°03.5"N 129°47.5"E
Depth 524 meters 30°03.3"N 129°37.0"E
Depth 550 meters 30°01.8"N 129°43.5"E
Depth 584 meters 29°59.2"N 129°35.5"E
Depth 310 meters, coral and sand 29°57.5"N 129°38.5"E
Depth 611 meters 29°57.6"N 130°09.0"E
Depth 494 meters 29°53.5"N 130°08.5"E
Depth 517 meters 29°48.0"N 130°07.7"E

Substitute Depth 14.5 meters for 53 meters 30°12.0"N 130°03.1"E
Depth 608 meters for 639 meters 30°11.5"N 129°43.5"E
Depth 50 meters for 91 meters, coral 30°05.7"N 129°52.0"E
Depth 266 meters for 332 meters 30°02.9"N 129°58.0"E
Depth 73 meters for 36 meters 29°53.3"N 129°51.2"E
Depth 601 meters for 608 meters 29°51.2"N 129°39.5"E
Depth 157 meters for 173 meters 29°49.2"N 129°41.5"E

Change Visibility (range) of light to 8M 30°02.6"N 130°02.9"E

Add Depth 123 meters enclosed by depth contour
(200-meter) 30°09.8"N 129°40.1"E

Depth 442 meters 30°07.5"N 129°38.7"E
Depth 138 meters 30°07.0"N 130°05.5"E
Depth 63 meters 30°05.8"N 130°03.1"E
Depth 481 meters 30°03.5"N 129°46.0"E
Depth 626 meters 29°57.8"N 130°06.9"E
Depth 437 meters 29°57.6"N 129°37.0"E
Depth 477 meters 29°51.7"N 130°08.5"E
Depth 632 meters 29°47.5"N 129°35.0"E

Ocean current arrow [H43] oriented 132° with
rate "1.1 - 2.1 kn" 30°7.5"N 130°07.3"E
(19(701)03 Tokyo)

97466 2Ed. 9/12/98 LAST NM 23/03 27/03
Substitute Depth 8.3 meters for 9.8 meters
26°12'33.0"N 127°40'03.1"E

Depth 8 meters, blue tint and enclosing depth
contour (10-meter) for 10.3 meters
26°12'30.9"N 127°40'05.1"E
Depth 7.9 meters for 9.8 meters
26°12'29.8"N 127°40'10.1"E
Depth 6.9 meters for 7.4 meters
26°12'24.0"N 127°40'19.0"E

Add Depth 7.7 meters 26°12'39.2"N 127°39'54.5"E
(See 46/01-97466)
(20(770)03 Tokyo)

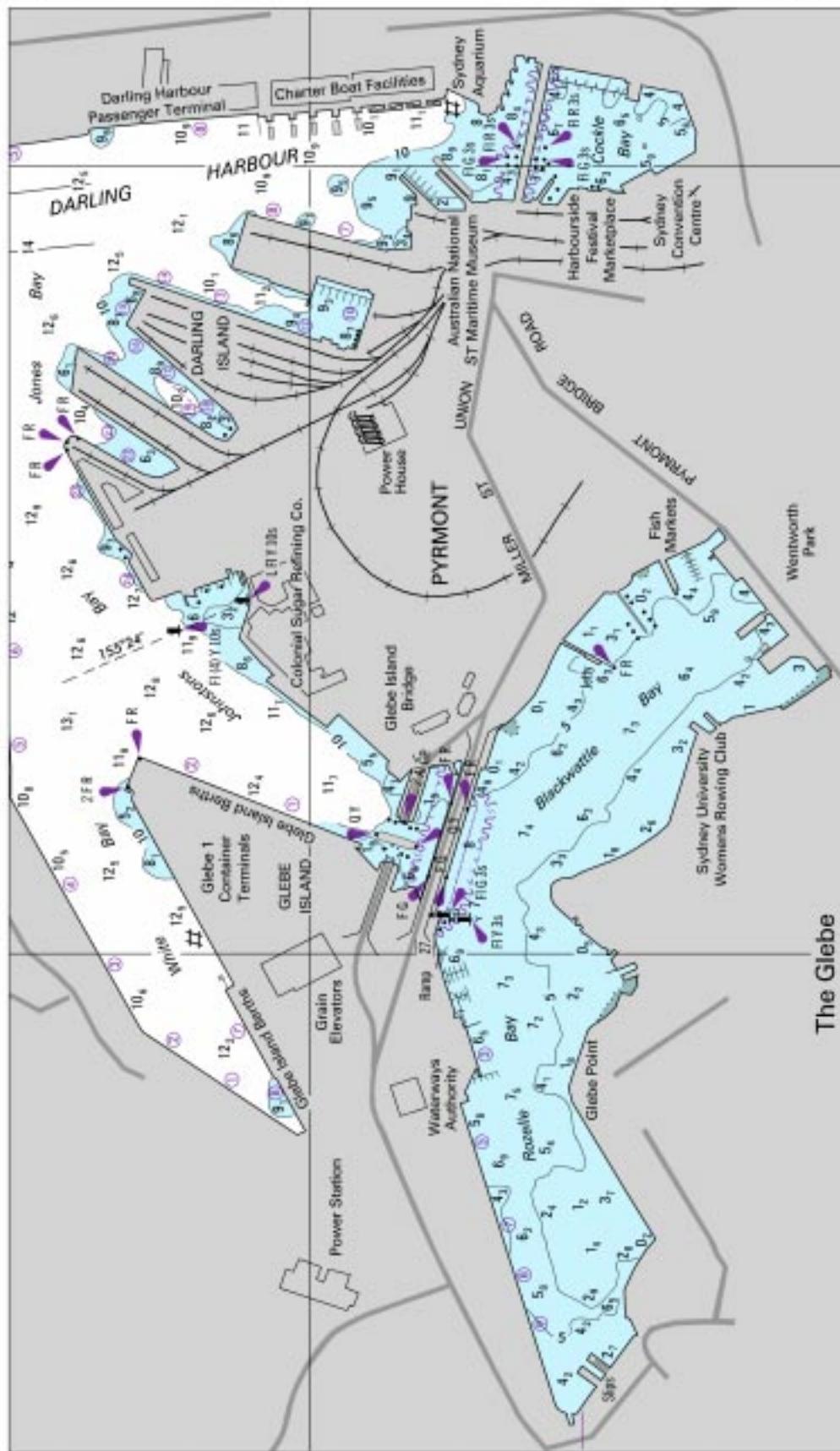
809679 2Ed. 2/22/86 LAST NM N12/03 N27/03
Delete Purple dashed-line area and legend "DANGER
AREA FIRING RANGE" in vicinity
32°36'04"N 117°09'10"W
(Supersedes N12/03-809679)
(NOS)

SECTION I

NM 27/03

Chart 75264

NM 27/03



The Glebe

SECTION I

NM 27/03

Chart 11342

NM 27/03

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
SABINE PASS:							DEPTH (FEET)	
OUTER BAR CHANNEL	37	42	39	38	2-03	800	3.0	42
JETTY CHANNEL	36	41	40	32	1-03	800-500	3.5	40
PASS CHANNEL	25	31	40	31	1-03	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	2-03	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	40	40	36	1-03	500	4.8	40
JUNCTION PORT ARTHUR-SABINE NECHES CANALS	31	38	34	33	1-03	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	35	35	35	34	3-03	282-735	0.2	40
EAST TURNING BASIN	37	37	37	38	1-03	370-547	0.3	40
WEST TURNING BASIN	34	34	37	36	3-03	350-735	0.3	40
CHANNEL CONNECTING WEST BASIN AND TAYLOR BAYOU TURNING BASIN	37	40	39	38	1-03	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	30	40	40	36	1-03	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	32	37	35	31	2-03	400	9.6	40
NECHES RIVER TO SABINE RIVER	25	25	23	21	12-02	200	3.9	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11353

NM 27/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	32.0	34.0	22.0	600	12-02; 3-03
THENCE TO END OF JETTY OPPOSITE LIGHT 62	30.0	35.0	30.0	500	3-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11363

NM 27/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	32.0	34.0	22.0	600	12-02; 3-03
THENCE TO END OF JETTY OPPOSITE LIGHT 62	30.0	35.0	30.0	500	3-03
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	31.0	21.0	500	12-02; 1,2,3,4-03
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	27.0	28.0	500	1-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

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Chart 11364

NM 27/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	32.0 30.0 24.0 26.0	34.0 35.0 31.0 27.0	22.0 30.0 21.0 28.0	600 500 500 500	12-02; 3-03 3-03 12-02; 1,2,3,4-03 1-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11369

NM 27/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	32.0 30.0 24.0 26.0	34.0 35.0 31.0 27.0	22.0 30.0 21.0 28.0	600 500 500 500	12-02; 3-03 3-03 12-02; 1,2,3,4-03 1-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 12347

NM 27/03

HUDSON RIVER CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 1999 AND SURVEYS TO SEP 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS
KINGSTON POINT REACH	32.0	32.0	28.7	7-02	400 2.2 32
BARRYTOWN REACH	32.0	32.0	32.0	7-02	400 0.9 32
TIVOLI REACH	30.4	32.0	32.0	7-02	400 0.4 32
MALDEN ON HUDSON REACH	32.0	30.5	28.8	9-02	400 0.5 32
NORTH GERMAN TOWN REACH	30.3	30.4	28.5	9-02	400 2.0 32
NORTH GERMAN TOWN REACH TO HUDSON CITY LIGHT	31.6	31.4	29.4	9-02	400 6.4 32
HUDSON CITY LIGHT TO HUDSON RIVER LIGHT '140'	26.7	31.4	29.3	9-02	400 2.1 32
HUDSON RIVER LIGHT '140' TO FOURMILE POINT (CHART 12348)	28.4	29.6	31.1	9-02	400 1.5 32
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

SECTION I

NM 27/03

Chart 12348

NM 27/03

HUDSON RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 1998 AND SURVEYS TO SEP 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
HUDSON RIVER LIGHT "140" (CHART 12347) TO FOURMILE POINT	28.4	29.6	31.1	9-02	400	1.5 32
FOURMILE POINT TO 730 YARDS						
NORTH OF MILL CREEK LIGHT "MC"	29.7	29.9	27.4	9-02	400	7.0 32
ANCHORAGE AT STUYVESANT	31.2	31.5	29.3	11-01	400	0.4 32
730 YARDS NORTH OF MILL CREEK						
LIGHT "MC"						
TO ALBANY TURNING BASIN	27.6	30.4	23.3	7,8,9 - 02	400-500	12.1 32
TURNING BASIN AT ALBANY	23.3	30.4	25.1	7 - 01, 9 - 02	600	0.3 32
TURNING BASIN AT ALBANY TO						
DUNN MEMORIAL BRIDGE	15.9	15.0	13.8	7 - 01	300-400	0.9 27-32
(AT LOWEST LOW WATER) DUNN						
MEMORIAL BRIDGE TO PATROON						
ISLAND BRIDGE	11.1	14.0	13.8	10,11 - 01, 9-10 - 02	616-400	1.7 14
PATROON ISLAND BRIDGE TO						
NORTH END OF ADAMS ISLAND	10.2	13.4	6.2	5,8,11 - 01, 9 - 02	400-200	5.3 14
THENCE TO TROY LOCK	7.0	13.6	12.0	5 - 01, 7 - 02	600-45	0.3 14
CHANNEL EAST OF ADAMS ISLAND	13.8	14.0	8.9	5 - 01, 7 - 02	145	0.4 14
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 18587

NM 27/03

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE COPRS OF ENGINEERS - SURVEYS TO MAR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE RANGE	38	38	39	10-02	--	1.9 47-37
ENTRANCE RANGE AND TURN	39	45	29	3-03	300-1050	0.5 37
INSIDE RANGE	34	37	36	2,3-03	300	0.6 37
COOS BAY RANGE	34	37	36	2,3-03	300	1.6 37
EMPIRE RANGE	34	37	38	2,3-03	300	1.3 37
LOWER JARVIS RANGE	37	36	36	2,3-03	300	0.8 37
JARVIS TURN	37	36	35	2,3-03	300	0.5 37
UPPER JARVIS RANGE	32	35	36	2,3-03	300-700	1.9 37
NORTH BEND LOWER RANGE	39	38	36	2,3-03	400	0.4 37
NORTH BEND RANGE	33	37	36	10-02,3-03	400	0.9 37
NORTH BEND UPPER RANGE	36	38	37	3-03	400	0.6 37
LOWER TURNING BASIN	37	38	38	3-03	400-900	0.3 37
FERNDALE LOWER RANGE	39	39	39	3-03	400	0.4 37
FERNDALE TURN	37	38	38	3-03	400	0.2 37
FERNDALE UPPER RANGE	35	37	38	3-03	400	0.7 37
MARSHFIELD RANGE	37	37	36	10-02,3-03	400	0.4 37
MARSHFIELD RANGE TO						
ISTHMUS SLOUGH	37	37	32	3-03	150-750	0.9 37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0 22
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION II

NM 27/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title		Scale = 1:	No.	Date				
REGION 1									
11AHA11342 (7642014010126)	Sabine Pass and Lake		40,000	<u>52</u>	<u>5/03</u>	NOS	1-94	27/03	
12BHA12371 (7642014010360)	New Haven Harbor		20,000	<u>23</u>	<u>5/03</u>	NOS	1-95	27/03	
	Inset: New Haven Harbor (Inset not shown on index)		10,000						
13ACO13237 (7642014010408)	Nantucket Sound and Approaches (LORAN-C)		80,000	<u>39</u>	<u>5/03</u>	NOS	1-95	27/03	
REGION 5									
56ACO56060 (7642014013178)	<u>The Sinai to Bayrut</u>		300,000	<u>9</u>	<u>4/03</u>	A	5-5,43	27/03	
	<u>Plan: Gaza Strip</u>		100,000						
MISCELLANEOUS CHARTS AND PUBLICATIONS									
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)			<u>14</u>	<u>4/03</u>	DS	10-43	27/03	
NOSPBCP1 (7642014008450)	<u>No. 1 Eastport to Cape Cod, 2003</u>					NOS	10-25	27/03	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 123 8 Ed 2001 LAST NM 25/03

Page 6—Lines 5 to 9/R; read:

Jacqueville ($5^{\circ}12'N.$, $4^{\circ}23'W.$) (World Port Index No. 45980), situated 37 miles E of Grand-Lahou, can be identified by a group of white houses, two water towers, and a church. The entire length of the village is fronted by palms.

Espoir Terminal ($5^{\circ}03'N.$, $4^{\circ}27'W.$) comprises a platform and a nearby floating production and storage unit (FPSO) linked to the coast by an oil pipeline and a gas pipeline oriented on a bearing of 328° .

Pilotage is compulsory. The pilot will advise the boarding position after VHF contact has been established with the terminal. The pilot can be contacted on VHF channel 14. The FPSO control room can be contacted on VHF channels 16 and 69.

Vessels should send their initial ETA to the CNR Offshore Representative on departure from the previous port (or immediately on departure if the port is less than 72 hours from the terminal), as well as 72 hours, 48 hours, and 24 hours prior to arrival.

The first message should contain the following:

1. Vessel's name, call sign, and INMARSAT numbers.
2. Cargo requirements.
3. Maximum loading rate.
4. Arrival draft fore and aft.
5. Last port of call.
6. Confirmation of clean bill of health.
7. Any sickness onboard.
8. Distance (in meters) from the bow to the loading manifold.
9. LOA.
10. A statement to the effect that vessel can perform closed loading.
11. Confirmation that vessel is equipped with a bow stopper able to receive 76mm chain.
12. Local agent's name and details.

The CNR Offshore Representative must be notified should the vessel's ETA change, as follows:

1. By 6 or more hours following the 72-hour and 48-hour notice.
2. By 1 hour or more following the 24-hour notice.

Berthing is available 0600 to 1500. Vessels arriving after 1500 will be berthed the following day. Unberthing is available 24 hours.

A standby anchorage zone for tankers is centered at a distance of 4 miles to the ENE of the tanker. A restricted area, which may best be seen on the chart, lies centered 8 miles S of Grande Jack and surrounds an abandoned oil field. Due to the existence of underwater obstructions, anchoring and fishing are prohibited within this area.

(BA NM 10/03)

27/03

Page 7—Lines 4 to 8/R; read:

Pilotage.—Pilotage is compulsory for vessels of more than 150 grt and is available 24 hours. Pilots can be contacted by VHF and generally board about 0.8 mile SSW of Lighted Buoy AN.

Vessels send their ETA and draft 24 hours, 6 hours, and 1 hour in advance.

(Fr NM 14/03)

27/03

Page 31—Lines 12 to 26/L; read:

3.12 **Qua Iboe Offshore Terminal** ($4^{\circ}14'N.$, $8^{\circ}02'E.$) lies 19 miles S of the entrance to the Kwa Ibo River. It consists of an operations platform, equipped with a racon, and three SPMs which are moored 1.2 miles SE, 1 mile SSE, and 3.4 miles SE of it. The terminal lies in depths of 25.9 to 27.4m and can handle vessels of up to 312,000 dwt and 22m draft.

Pilotage is compulsory and is available 24 hours.

Vessels should send an ETA 72 hours, 48 hours, 24 hours, and 6 hours prior to arrival at the anchorage area. Qua Iboe Control should be called on VHF channels 16 and 67.

The pilot requires the following information:

1. ETA at the pilot station.
2. Time of notice of readiness.
3. Boarding arrangement for officials.
4. Propeller immersion.
5. Portside derrick or crane to be ready for cargo gear basket.
6. Any defects.

When communication has been established with Qua Iboe Control on VHF channels 16 and 67, the vessel must provide the following information to the Berth Operations Platform (BOP):

1. Vessel's name and call sign.
2. ETA at Qua Iboe Terminal.
3. Last port of call.
4. Cargo requirements.
5. All tankers enroute to the SPMs must switch on their radar to identify the Racon (K) signal on the BOP as an aid to navigation.

The pilot boards in the following positions:

- (a) 2.5 miles SW of the BOP ($4^{\circ}14.3'N.$, $8^{\circ}02.4'E.$).
- (b) Qua Iboe anchorage area ($4^{\circ}06.5'N.$, $8^{\circ}10.5'E.$).

(BA NM 19/03)

27/03

Page 63—Line 52/L; insert after:

Kizomba A Oil Field ($6^{\circ}19.6'S.$, $11^{\circ}03.3'E.$), lying about 73 miles W of Ponta da Moita Seca, was under development in 2003. It has a 4 mile square restricted area around it. Mariners should give this area a wide berth.

(BA NM 12/03)

27/03

PUB 123 (Continued)

Page 67—Line 4/R; insert after:

Caution.—An artificial reef, with its center at position 6°38.7'S, 12°07.7'E, lies 23 miles W of the Rio Lombo. The reef is rectangular in shape, 5 miles by 2.5 miles.

(BA NM 12/03)

27/03

with no opening to the sea. During the Southeast Trades, temporary anchorage can be taken in the indentation off the lagoon, in a depth of 37m, poor holding volcanic sand. This berth is known as Dip Point Anchorage. Soundings increase rapidly towards offshore. Depths of 80m are observed at a distance of 120m from the coast.

(France NM 3/03)

27/03

Page 68—Line 54/L; insert after:

Girassol Oil Field (7°39'S., 11°49'E.), an FPSO and a nearby SBM, are about 85 miles W of Baia do Ambriz. A restricted area around the FSPO, with a radius of 7 miles, contains a waiting area for tankers.

Vessels not involved with this installation should give it a wide berth.

(BA NM 12/03)

27/03

Page 69—Lines 2 to 3/L; read:

in the form of a pillar.

The mouth of the Rio Sembo (Rio Quicembo) lies 8.7 miles

(NIMA)

27/03

PUB 124 8 Ed 2001**LAST NM 25/03**

Page 107—Lines 56 to 59/R; read:

5.11 Puerto de Punta del Este (34°58'S., 54°57'W.) is a seaside resort harbor with hotels and beaches on the NW side of Punta del Este. The port is approached through Bahia de Maldoro. Pilots board 1.5 miles WSW of Isla Gorriti. The port is protected by a 0.25 mile long breakwater on its W side, consisting of a wooden pier with a concrete head, which has depths of 4m alongside. Depths decrease rapidly on the W side of the pier.

There are quays for small craft on both sides of the root of the pier and several mooring buoys for small craft in the harbor. The customs house, a large stone building, stands at the root of the pier.

The port is reported to be marked by a light at the head of the breakwater. There is a lifesaving station at the port.

Punta del Este light has been reported to be hard to identify against the shore lights.

(BA NM 8/03)

27/03

Page 108—Lines 1 to 8/L; strike out.

(NIMA)

27/03

PUB 126 6 Ed 2002**LAST NM 26/03**

Page 166—Lines 27 to 41/R; read:

Craig Cove (16°15'S., 167°55'E.) lies about 0.8 mile N of Craig Point. The cove affords anchorage in depths of 33 to 46m. There is a fringing reef around the shores of the cove. A bank, with a depth of 29m, lies about 0.5 mile WNW of George Point, the SE point of the cove. Dip Point, also known as Ranwakon Point, forms the W extremity of Ambrym Island, and lies about 0.5 mile NNW of Craig Cove. Lamb Point, nearly 1.3 miles N of Dip Point, is a low point formed by volcanic ash. The coast in this vicinity is fringed by shoals.

Anchorage.—At 1.3 miles E of Lamb Point there is an indentation in the shore, in back of which there is a lagoon

Page 166—Lines 42 to 51/R; read:

6.29 Ranon Anchorage (16°08'S., 168°07'E.) lies on the W side of the massive N projection of Ambrym Island, about 11 miles ENE of Dip Point Anchorage. There are a number of houses with red roofs which are conspicuous from seaward off the anchorage. Two beacons on the shore, in line bearing 139°, lead to the anchorage; these beacons were not spotted in 2002. A vessel can anchor, in 26 to 29m, about 0.2 mile offshore, with a conspicuous red boathouse close S of the range beacons bearing 146°, and the S end of the black cliffs bearing 072.5°. Vessels are recommended to use two anchors. A light stands on a point 0.5 mile S of the anchorage.

(France NM 03/03)

27/03

Page 277—Lines 1 to 6/L; read:

Aspect.—Orote Point (Udal Point) (13°27'N., 144°37'E.) is a sharp bluff, 65m high, that lies at the W end of the Orote Peninsula, a narrow tongue of land projecting NW from the shore of Guam. Due to heavy undergrowth, the light on Orote Point is difficult to distinguish from the S even when close at hand. Orote Island lies close off the N side of the point.

(BA NM 5/03)

27/03

Page 278—Lines 1 to 9/L; read:

Speed is limited to not more than 12 knots in Outer Harbor and not more than 5 knots in Inner Harbor, except in emergency situations

Vessels over 15m in length shall advise the Marine Traffic Controller on VHF channel 13 of all intended movements into, within, or out of the harbor, stating the destination and departure time.

Signals.—U.S. Coast Guard Communications Center, Guam is a full-service communications station manned 24 hours. The station's call sign is NRV.

The Harbormaster's Control Tower is manned 24 hours and may be contacted on VHF channel 13. The harbormaster's call sign is WRV-574.

(BA NM 5/03)

27/03

PUB 163 8 Ed 2002**LAST NM 26/03**

Page 115—Line 49/R; insert after:

Caution.—An incident of piracy occurred at this anchorage in 2003. Vessels are urged to take precautions when passing the above-mentioned area.

(15(108)03 Jakarta)

27/03

PUB 163 (Continued)

Page 240—Lines 42 to 49/L; read:

Anchorage.—Anchorage can be taken in the middle of the roadstead off the town, in depths of 11 to 21.9m. A number of mooring buoys and hauling off buoys are situated near the piers.

Vessels awaiting a pilot can anchor about 2 miles SE of the swept channel entrance.

Anchorage is prohibited in the vicinity of the submarine pipeline which extends from the shore close N of Pier 8 to the opposite shore. Numerous incidents of piracy and robbery continue to be reported (2003) at Balikpapan Anchorage and on the adjacent waters. Mariners should take appropriate precautions while at anchor awaiting a berth and when transiting the above mentioned area.

(12)(87)03 Jakarta

27/03

Page 325—Lines 27 to 43/L; read:

Tanjong Nosong to Kota Kinabalu

11.79 Pulau Tiga ($5^{\circ}44'N$, $115^{\circ}39'E$), 101m high, lies about 5.3 miles NE of Tanjong Nosong, from which it is separated by Tiga Channel. The island is densely wooded, except for its SE peak. Reefs and shoals, some of which dry, fringe the island and extend 0.5 mile S and SE from it. A light is shown from a 25m high white metal framework tower near the W end of the island. The light was reported extinguished.

A light is shown from an 8m high tripod standing on the edge of the reef 0.5 mile from the SE end of Pulau Tiga.

Regulations.—The Pulau Tiga Marine Park has been established for the protection of the marine environment and resources in the immediate waters surrounding Pulau Tiga. The park extends from Dunlop Shoals to Deluar Shoals 12.5 miles NNE, and includes Pulau Tiga and Tega Shoals.

The following activities are strictly prohibited in park waters:

1. Entering the park without permission from the Director of Sabah Parks.
2. Anchoring.
3. Fishing.
4. Discharging any oil, chemicals, sewage, hazardous substances, or pollutants into the park waters.
5. Damaging or removing from the park anything organic or inorganic, alive or dead.

Tiga Channel ($5^{\circ}41'N$, $115^{\circ}34'E$) is used by most of the shipping which runs up and down this coast.

A shoal, with a depth of 12.3m, was reported to lie about 3.3 miles W of Pulau Tiga.

A shoal, with a depth of 4.9m, lies 1.5 miles W of Pulau Tiga and near the outer end of a spit which extends W from that island.

(BA NM 7/03)

27/03

Page 327—Lines 1 to 9/L; read:

Karei Bay, fouled by reefs, lies in a small bight on the SE side of Pulau Gaya.

Between Tanjung Wokong and the SW extremity of Pulau Gaya, the S side of the island is indented by bights.

Regulations.—The Tunku Abdul Rahman Marine Park has been established for the protection of the marine environment and resources in the waters along the coast of Pulau Gaya. The park extends 3.8 miles SSW from the island to include Pulau Manukan, Pulau Mamutik, and Pulau Sulug.

The following activities are strictly prohibited in park waters:

1. Entering the park without permission from the Director of Sabah Parks.
2. Anchoring.
3. Fishing.
4. Discharging any oil, chemicals, sewage, hazardous substances, or pollutants into the park waters.
5. Damaging or removing from the park anything organic or inorganic, alive or dead.

11.85 Pulau Sinjatan ($6^{\circ}01'N$, $116^{\circ}00'E$), 60m high and densely wooded, lies close off the SW end of Pulau Gaya, to which it is connected by a flat which almost dries. Several shoal patches, with depths of 10m and less, lie within 0.3 mile through W to NW of Pulau Sinjataan.

(BA NM 7/03)

27/03

PUB 172

9 Ed 2001

LAST NM 26/03

Page 224—Lines 40 to 41/R; read:
chart.

Al Rayyan Oil Field ($26^{\circ}39'N$, $51^{\circ}33'E$), about 22 miles WNW of Al Shaheen Oil Field and Terminal, consists of a production platform and a floating storage tanker. Vessels send their ETA 72 hours, 48 hours, and 24 hours in advance. Pilotage is available; pilots board about 2 miles NE of the terminal.

Between Ras Laffan and Ras Rakan, about 24 miles NW, (MENAS Notice 5/03;BA NP 286(3);

BA NP 63, Supp. 8/01)

27/03

PUB 173

7 Ed 2002

LAST NM 26/03

Page 20—Line 24/L; insert after:

A light is situated at the head of the breakwater.

(BA NM 5/03)

27/03

Page 127—Line 5/L; insert after:

Ennore ($13^{\circ}18'N$, $80^{\circ}19'E$) is a port located about 7 miles N of Chennai. The first phase of Ennore, consisting of two coal berths, became operational in 2001. It is planned that the port will handle VLCC's after 2004.

The port has two breakwaters. North Breakwater is 3,080m long. South Breakwater is 1,080m long.

Ennore Home Page

<http://www.ennoreportltd.com>

Ennore is a 24 hour port. Pilotage is compulsory; VHF channels 16 and 74 are monitored by the port.

PUB 173 (Continued)

Vessels should advise their ETA 48 hours, 24 hours, and 3 hours in advance. Any changes of more than 2 hours should be immediately reported.

The ETA message should contain:

1. Vessel's name, call sign, grt, nrt, dwt, loa, and beam.
2. Draft forward and aft.
3. Cargo grade and quantity on board.
4. ETA at Fairway Lighted Buoy
5. Local agent.

The pilot boards in the following positions:

- a. 0.1 mile S of Fairway Lighted Buoy (13°12.9'N., 80°22.4'E.).
- b. 13°14.8'N, 80°23.3'E.
- c. 13°13.0'N, 80°22.0'E.

(BA NM 2/03) 27/03

Page 127—Lines 9 to 12/L; read:
small towns.

(BA NM 2/03) 27/03

Page 127—Lines 5 to 7/R; read:

The coast between Ennur and
(BA NM 2/03) 27/03

Page 192—Line 52/R; insert after:

Yetagun Marine Terminal (13°04'N., 96°51'E.), an oil production platform and an FSO, lies about 80 miles W of Tavoy Island. A submarine pipeline runs NE to the Burmese coast, as seen on the chart. The prohibited zone that surrounds the terminal is 5 miles in diameter. Pilotage is compulsory. They will board about 3 miles from the terminal. Vessels not involved should keep a wide berth

(BA NM 22/03) 27/03

PUB 175 7 Ed 2001 LAST NM 26/03

Page 53—Lines 24 to 32/R; read:

The Sahul Banks and the area in their vicinity has only been partially surveyed and vessels navigating in the neighborhood should proceed with caution. A recommended track (122°-302°) through **North Sahul Passage** (10°10'S., 126°50'E.) is indicated on the charts for passing NE of Sahul Banks.

Bayu-Undan Gas Field (11°04'S., 126°39'E.) consists of a lighted production platform and an FSO, which lies 2 miles WNW, and is marked with a transmitting racon signal. A restricted area, with a radius of 2.5 miles, is centered on the platform.

Elang Terminal (10°52'S., 126°34'E.), consisting of a LANBY, is located within an area of oil wells and submerged pipelines that is best seen on the chart. An anchorage area lies 12.5 miles NE of the LANBY.

(BA NM 6/03) 27/03

Page 98—Lines 45 to 54/L; read:

Regulations.—Vessels proceeding to the terminal should send their ETA 96 hours, 48 hours, 24 hours, and 12 hours in

advance to WAPET, Perth. The 96-hour message should contain the following information:

1. Quantity of ballast water carried.
2. Quality of ballast water carried.
3. Arrival draft.

Berthing is only done on the ebb tide in calm conditions during daylight hours. Tankers with local knowledge may be allowed to berth at night if they carry adequate searchlights.

The FPSO Four Vanguard is moored 30 miles WSW of Barrow Island and enclosed within a cautionary zone 2.5 miles in radius.

(BA NM 1/03)

27/03

Page 144—Lines 1 to 19/R; read:

Depths—Limitations.—The entrance to Albany is through King George Sound, then via the dredged channel that lies between King Point and Possession Point. The channel is dredged to a depth of 12.2m over a width of 145m. The channel and the turning basin, which is also dredged to a depth of 12.2m, are marked by lighted beacons and indicated by a range. A 230m section of the channel NW of Possession Point has been dredged to a depth of 12.5m.

The Princess Royal Land Backed Wharf fronts the shore from a position about 1 mile W of the entrance. It is 608m in length, with a depth alongside Berth No. 1 and Berth No. 2 of 10.4m and 12.2m alongside Berth No. 3. The berths are numbered from the W; petroleum, container, and ro-ro vessels can be accommodated.

Berth No. 6, which handles woodchips, is 216m in length and has a depth of 12.2m alongside.

Vessels up to 67,000 dwt, with a maximum length of 220m, a maximum draft of 11.5m, and a maximum beam of 33m, can be accommodated, subject to the Harbor Master's discretion and dependent on the weather and tidal conditions during daylight hours.

(6198)03 Wollongong

27/03

PUB 200 4 Ed 2002 LAST NM 22/03

Page 151—Line 29/L; insert after:

A submerged rock dangerous to navigation lies about 6 miles SW of Horseshoe Island, as best seen on the chart.

(BA NM 8/03)

27/03

COAST PILOT CORRECTIONS

COAST PILOT 1 33 Ed 2003 NEW EDITION
(NOS) 27/03

COAST PILOT 3 35 Ed 2002 Change No. 39
LAST NM 20/03

Page 30—Paragraph 666, line 4 to Paragraph 667, line 2; read:

Directions.

MARINE POLLUTION

Compliance with the Federal Water Pollution Control Act or Clean Water Act

The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain

COAST PILOT 3 (Continued)

the chemical, physical and biological integrity of our nation's waters.

No Discharge Zones.—Section 312 of the FWPCA, entitled "Marine Sanitation Devices" (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Discharge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

Oil Pollution.—The FWPCA also prohibits ...

(CL 139/02; 40 CFR 140)

27/03

Page 269—Paragraph 55, line 4 to Paragraph 58; read:

Engineer District Mobile, P.O. Box 2288, Mobile, AL 36602, Attn: Map Sales, LM-SR; telephone, 251-441-5631.

Flood Control and Navigation Maps of the Mississippi River, Cairo, IL to the Gulf of Mexico: Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, 4155 Clay Street, Vicksburg, MS 39183-3435, Attn: Map Sales; telephone: 601-631-5042.

Upper Mississippi River Navigation Charts (Mississippi River, Cairo, IL to Minneapolis, MN): Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

Charts of the Illinois Waterway, from Mississippi River at Grafton, IL to Lake Michigan at Chicago and Calumet Harbors: Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

(CE/03)

27/03

COAST PILOT 3

35 Ed 2002

Change No. 40

Page 35—Paragraph CFR Box, (insert after Part 334):

Title 40 (40 CFR): Protection of Environment

Part 140 Marine Sanitation Device Standard
(40 CFR 140)

27/03

Page 112—Paragraph 2729, line 3; read:
Virginia.

TITLE 40—PROTECTION OF ENVIRONMENT**Part 140—Marine Sanitation Device Standard****§140.1 Definitions.**

For the purpose of these standards the following definitions shall apply:

(a) *Sewage* means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes;

(b) *Discharge* includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping;

(c) *Marine sanitation device* includes any equipment for installation onboard a vessel and which is designed to receive, retain, treat, or discharge sewage and any process to treat such sewage;

(d) *Vessel* includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on waters of the United States;

(e) *New vessel* refers to any vessel on which construction was initiated on or after January 30, 1975;

(f) *Existing vessel* refers to any vessel on which construction was initiated before January 30, 1975;

(g) *Fecal coliform bacteria* are those organisms associated with the intestines of warm-blooded animals that are commonly used to indicate the presence of fecal material and the potential presence of organisms capable of causing human disease.

§140.2 Scope of standard.

The standard adopted herein applies only to vessels on which a marine sanitation device has been installed. The standard does not require the installation of a marine sanitation device on any vessel that is not so equipped. The standard applies to vessels owned and operated by the United States unless the Secretary of Defense finds that compliance would not be in the interest of national security.

§140.3 Standard.

(a)(1) In freshwater lakes, freshwater reservoirs or other freshwater impoundments whose inlets or outlets are such as to prevent the ingress or egress by vessel traffic subject to this regulation, or in rivers not capable of navigation by interstate vessel traffic subject to this regulation, marine sanitation devices certified by the U.S. Coast Guard (see 33 CFR part 159, published in 40 FR 4622, January 30, 1975), installed on all vessels shall be designed and operated to prevent the overboard discharge of sewage, treated or untreated, or of any waste derived from sewage. This shall not be construed to prohibit the carriage of Coast Guard-certified flow-through treatment devices which have been secured so as to prevent such discharges.

(2) In all other waters, Coast Guard-certified marine sanitation devices installed on all vessels shall be designed and operated to either retain, dispose of, or discharge sewage. If the device has a discharge, subject to paragraph (d) of this section, the effluent shall not have a fecal coliform

COAST PILOT 3 (Continued)

bacterial count of greater than 1,000 per 100 milliliters nor visible floating solids. Waters where a Coast Guard-certified marine sanitation device permitting discharge is allowed include coastal waters and estuaries, the Great Lakes and inter-connected waterways, fresh-water lakes and impoundments accessible through locks, and other flowing waters that are navigable interstate by vessels subject to this regulation.

(b) This standard shall become effective on January 30, 1977 for new vessels and on January 30, 1980 for existing vessels (or, in the case of vessels owned and operated by the Department of Defense, two years and five years, for new and existing vessels, respectively, after promulgation of implementing regulations by the Secretary of Defense under section 312(d) of the Act).

(c) Any vessel which is equipped as of the date of promulgation of this regulation with a Coast Guard-certified flow-through marine sanitation device meeting the requirements of paragraph (a)(2) of this section, shall not be required to comply with the provisions designed to prevent the overboard discharge of sewage, treated or untreated, in paragraph (a)(1) of this section, for the operable life of that device.

(d) After January 30, 1980, subject to paragraphs (e) and (f) of this section, marine sanitation devices on all vessels on waters that are not subject to a prohibition of the overboard discharge of sewage, treated or untreated, as specified in paragraph (a)(1) of this section, shall be designed and operated to either retain, dispose of, or discharge sewage, and shall be certified by the U.S. Coast Guard. If the device has a discharge, the effluent shall not have a fecal coliform bacterial count of greater than 200 per 100 milliliters, nor suspended solids greater than 150 mg/l.

(e) Any existing vessel on waters not subject to a prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and which is equipped with a certified device on or before January 30, 1978, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(f) Any new vessel on waters not subject to the prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and on which construction is initiated before January 31, 1980, which is equipped with a marine sanitation device before January 31, 1980, certified under paragraph (a)(2) of this section, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(g) The degrees of treatment described in paragraphs (a) and (d) of this section are "appropriate standards" for purposes of Coast Guard and Department of Defense certification pursuant to section 312(g)(2) of the Act.

§140.4 Complete prohibition.

(a) Prohibition pursuant to CWA section 312(f)(3): a State may completely prohibit the discharge from all vessels of any sewage, whether treated or not, into some or all of the waters within such State by making a written application to the Administrator, Environmental Protection Agency, and by receiving the Administrator's affirmative determination pursuant to section 312(f)(3) of the Act. [...]

(b) Prohibition pursuant to CWA section 312(f)(4)(A): a State may make a written application to the Administrator, Environmental Protection Agency, under section 312(f)(4)(A) of the Act, for the issuance of a regulation completely prohibiting discharge from a vessel of any sewage, whether treated or not, into particular waters of the United States or specified portions thereof, which waters are located within the boundaries of such State. Such application shall specify with particularly the waters, or portions thereof, for which a complete prohibition is desired. The application shall include identification of water recreational areas, drinking water intakes, aquatic sanctuaries, identifiable fish-spawning and nursery areas, and areas of intensive boating activities. If, on the basis of the State's application and any other information available to him, the Administrator is unable to make a finding that the waters listed in the application require a complete prohibition of any discharge in the waters or portions thereof covered by the application, he shall state the reasons why he cannot make such a finding, and shall deny the application. If the Administrator makes a finding that the waters listed in the application require a complete prohibition of any discharge in all or any part of the waters or portions thereof covered by the State's application, he shall publish notice of such findings together with a notice of proposed rule making, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that applicable water quality standards require a complete prohibition covering a more restricted or more expanded area than that applied for by the State, he shall state the reasons why his finding differs in scope from that requested in the State's application. [...]

(ii) Waters of the State of Florida within the boundaries of the Florida Keys National Marine Sanctuary as delineated on a map of the Sanctuary at <http://www.fknms.nos.noaa.gov/>.

(c)(1) Prohibition pursuant to CWA section 312(f)(4)(B): A State may make written application to the Administrator of the Environmental Protection Agency under section 312(f)(4)(B) of the Act for the issuance of a regulation establishing a drinking water intake no discharge zone which completely prohibits discharge from a vessel of any sewage, whether treated or untreated, into that zone in particular waters, or portions thereof, within such State. Such application shall:

(i) Identify and describe exactly and in detail the location of the drinking water supply intake(s) and the community served by the intake(s), including average and maximum expected amounts of inflow;

(ii) Specify and describe exactly and in detail, the waters, or portions thereof, for which a complete prohibition is desired, and where appropriate, average, maximum and low flows in million gallons per day (MGD) or the metric equivalent;

(iii) Include a map, either a USGS topographic quadrant map or a NOAA nautical chart, as applicable, clearly marking by latitude and longitude the waters or portions thereof to be designated a drinking water intake zone; and

(iv) Include a statement of basis justifying the size of the requested drinking water intake zone, for example,

COAST PILOT 3 (Continued)

identifying areas of intensive boating activities.

(2) If the Administrator finds that a complete prohibition is appropriate under this paragraph, he or she shall publish notice of such finding together with a notice of proposed rulemaking, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that a complete prohibition covering a more restricted or more expanded area than that applied for by the State is appropriate, he or she shall also include a statement of the reasons why the finding differs in scope from that requested in the State's application.

(3) If the Administrator finds that a complete prohibition is inappropriate under this paragraph, he or she shall deny the application and state the reasons for such denial.

(4) For the following waters the discharge from a vessel of any sewage, whether treated or not, is completely prohibited pursuant to CWA section 312(f)(4)(B):

(i) Two portions of the Hudson River in New York State, the first is bounded by an east-west line through the most northern confluence of the Mohawk River which will be designated by the Troy-Waterford Bridge (126th Street Bridge) on the south and Lock 2 on the north, and the second of which is bounded on the north by the southern end of Houghtaling Island and on the south by a line between the Village of Roseton on the western shore and Low Point on the eastern shore in the vicinity of Chelsea, as described in Items 2 and 3 of 6 NYCRR Part 858.4.

(ii) [Reserved]

§140.5 Analytical procedures.

In determining the composition and quality of effluent discharge from marine sanitation devices, the procedures contained in 40 CFR part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants," or subsequent revisions or amendments thereto, shall be employed.

(40 CFR 140)

27/03

COAST PILOT 4

34 Ed 2002

Change No. 28

LAST NM 22/03

Page 274—Paragraph 1, line 1; read:

Charts 11490, 11491, 11492, 11487, 11495, 11498.—St. Johns River, ...
(DOLE/03)

27/03

Page 283—Paragraph 138, line 1; read:

Charts 11492, 11487, 11495, 11498.—St. Johns River south of Jacksonville ...
(DOLE/03)

27/03

Page 287—Paragraph 206, lines 1 to 2; read:

Chart 11498.—The main channel of St. Johns River flows through the northwest portion of **Lake Dexter**, 92 miles south of ...
(DOLE/03)

27/03

COAST PILOT 4

34 Ed 2002

Change No. 29

Page 29—Paragraph 662, line 4 to Paragraph 663, line 2; read:

Directions.

MARINE POLLUTION**Compliance with the Federal Water Pollution Control Act or Clean Water Act**

The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain the chemical, physical and biological integrity of our nation's waters.

No Discharge Zones.—Section 312 of the FWPCA, entitled "Marine Sanitation Devices" (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Discharge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

Oil Pollution.—The FWPCA also prohibits ...

(CL 139/02; 40 CFR 140)

27/03

COAST PILOT 4

34 Ed 2002

Change No. 30

Page 141—Paragraph 3302, line 4; read:
expiration date.

(r) *Moratorium on charter vessel/headboat permits for Gulf coastal migratory pelagic fish and Gulf reef fish.* The provisions of this paragraph (r) are applicable through June 16, 2006. Notwithstanding the other provisions of this paragraph (r), the expiration dates of all charter vessel/headboat permits for Gulf reef fish or Gulf coastal migratory pelagic fish that were not issued under the provision of this paragraph (r) and that were valid or renewable as of December 17, 2002, will be extended through November 13, 2003, provided that a permit has not been issued under this paragraph (r) for the applicable vessel.

(1) *Applicability.* Beginning November 13, 2003, the only valid charter vessel/headboat permits for Gulf coastal migratory pelagic fish or Gulf reef fish are those that have been issued under the moratorium criteria in this paragraph (r). No applications for additional charter vessel/ headboat permits for these fisheries will be accepted. Existing permits may be renewed, are subject to the trans-

COAST PILOT 4 (Continued)

ferability provisions in paragraph (r)(9) of this section, and are subject to the requirement for timely renewal in paragraph (r)(10) of this section.

(2) *Initial eligibility.* Initial eligibility for a charter vessel/headboat permit for Gulf coastal migratory pelagic fish or Gulf reef fish is limited to the following:

(i) An owner of a vessel that had a valid charter vessel/headboat permit for Gulf reef fish or coastal migratory pelagic fish on March 29, 2001, or held such a permit during the preceding year or whose application for such permit had been received by NMFS, by March 29, 2001, and was being processed or awaiting processing.

(ii) Any person who can provide NMFS with documentation verifying that, prior to March 29, 2001, he/she had a charter vessel or head/boat under construction and that the associated expenditures were at least \$5,000 as of that date. If the vessel owner was constructing the vessel, the vessel owner must provide NMFS with receipts for the required expenditures. If the vessel was being constructed by someone other than the owner, the owner must provide NMFS with a copy of the contract and/or receipts for the required expenditures.

(iii) A historical captain, defined for the purposes of paragraph (r) of this section as a person who provides NMFS with documentation verifying that

(A) Prior to March 29, 2001, he/she was issued either a USCG Operator of Uninspected Passenger Vessel license (commonly referred to as a 6-pack license) or a USCG Masters license; operated, as a captain, a federally permitted charter vessel or headboat in the Gulf reef fish and /or coastal migratory pelagic fisheries; but does not have a fishery permit issued in their name; and

(B) At least 25 percent of his/her earned income was derived from charter vessel or headboat fishing in one of the years, 1997, 1998, 1999, or 2000.

(3) *Special conditions applicable to eligibility based on historical captain status.* A person whose eligibility is based on historical captain status will be issued a letter of eligibility by the RA. The letter of eligibility may be redeemed through the RA for a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish, with a historical captain endorsement. The letter of eligibility is valid for the duration of the moratorium; is valid only for a vessel of the same or lesser authorized passenger capability as the vessel used to document earned income in paragraph (r)(2)(iii)(B) of this section; and is valid only for the fisheries certified on the application under paragraph (r)(2)(iii)(A) of this section. A charter vessel/headboat permit for Gulf coastal migratory pelagic fish or Gulf reef fish with a historical captain endorsement is valid only on a vessel that the historical captain operates as a captain.

(4) *Determination of eligibility based on permit history.* NMFS' permit records are the sole basis for determining eligibility based on permit or application history. An owner of a currently permitted vessel who believes he/she meets the permit or application history criterion based on ownership of a vessel under a different name, as may

have occurred when ownership has changed from individual to corporate or vice versa, must document his/her continuity of ownership. An owner will not be issued initial charter vessel/headboat permits for Gulf coastal migratory pelagic fish or Gulf reef fish under the moratorium in excess of the number of federally permitted charter vessels and/or headboats that he/she owned simultaneously at some time during the period March 29, 2000 through March 29, 2001.

(5) *Application requirements and procedures—(i) General.* An applicant who desires a charter vessel/headboat permit for Gulf coastal migratory pelagic fish or Gulf reef fish must submit an application for such permit to the RA postmarked or hand-delivered not later than September 15, 2003. Application forms are available from the RA. The information requested on the application form varies according to the eligibility criterion that the application is based upon as indicated in paragraphs (r)(5)(ii), (r)(5)(iii), and (r)(5)(iv) of this section; however, all applicants must provide a copy of the applicable, valid USCG Operator of Uninspected Passenger Vessel license or Masters license and valid USCG Certificate of Inspection. Failure to apply in a timely manner will preclude permit issuance even when the applicant meets the eligibility criteria for such permit.

(ii) *Application based on the prior permit/application history criterion.* On or about June 16, 2003, the RA will mail an application for a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish to each owner of a vessel who, according to NMFS' permit records, is eligible based on the permit or application history criterion in paragraph (r)(2)(i) of this section. Information requested on the application is consistent with the standard information required in paragraph (b)(3)(ii) of this section. The RA will also mail each such owner a notice that his/her existing charter vessel/headboat permit(s) for coastal migratory pelagic fish and/or Gulf reef fish will expire November 13, 2003, and that the new permit(s) required under this moratorium will be required as of that date. A vessel owner who believes he/she qualifies for a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish based on permit or application history, but who does not receive an application from the RA, must request an application from the RA and provide documentation of eligibility. The RA will mail applications and notifications to vessel owner addresses as indicated in NMFS' permit records.

(iii) *Application based on a charter vessel/headboat under construction prior to March 29, 2001.* A person who intends to obtain a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish based on the vessel-under-construction eligibility criterion in paragraph (r)(2)(ii) of this section must obtain an application from the RA. Information requested on the application includes the standard information required in paragraph (b)(3)(ii) of this section and the documentation of construction and associated costs as specified in paragraph (r)(2)(ii) of this section.

(iv) *Application based on historical captain status.* A

COAST PILOT 4 (Continued)

person who intends to obtain a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish based on historical captain status must obtain an application from the RA. Information requested on the application includes the standard information required in paragraph (b)(3)(ii) of this section and documentation of the criteria specified in paragraphs (r)(2)(iii)(A) and (B) of this section. Such documentation includes income tax records pertinent to verifying earned income; a copy of the applicable USCG license and/or Certificate of Inspection; and a notarized affidavit signed by a vessel owner certifying the period the applicant served as captain of a charter vessel or headboat permitted for Gulf reef fish and/or coastal migratory pelagic fish whether the charter vessel or headboat was permitted for Gulf reef fish or coastal migratory pelagic fish or both, and whether the charter vessel or headboat was uninspected (i.e., 6-pack) or had a USCG Certificate of Inspection.

(v) *Incomplete applications.* If an application that is postmarked or hand-delivered in a timely manner is incomplete, the RA will notify the applicant of the deficiency. If the applicant fails to correct the deficiency within 20 days of the date of the RA's notification, the application will be considered abandoned.

(6) *Issuance of initial permits.* If a complete application is submitted in a timely manner and the applicable eligibility requirements specified in paragraph (r)(2) of this section are met, the RA will issue a charter vessel/headboat permit for Gulf coastal migratory pelagic fish and/or Gulf reef fish or a letter of eligibility for such fisheries, as appropriate, and mail it to the applicant not later than November 3, 2003.

(7) *Notification of ineligibility.* If the applicant does not meet the applicable eligibility requirements of paragraph (r)(2) of this section, the RA will notify the applicant, in writing, of such determination and the reasons for it not later than October 14, 2003.

(8) *Appeal process.* (i) An applicant may request an appeal of the RA's determination regarding initial permit eligibility, as specified in paragraph (r)(2) of this section, by submitting a written request for reconsideration to the RA with copies of the appropriate records for establishing eligibility. Such request must be postmarked or hand-delivered within 45 days after the date of the RA's notification of ineligibility and may include a request for an oral hearing. If an oral hearing is granted, the RA will notify the applicant of the place and date of the hearing and will provide the applicant a maximum of 45 days prior to the hearing to provide information in support of the appeal.

(ii) A request for an appeal constitutes the appellant's authorization under section 402(b)(1)(F) of the Magnuson-Stevens Fishery Conservation and Management Act (16 U.S.C. 1801 et. Seq.) for the RA to make available to the appellate officer(s) such confidential records as are pertinent to the appeal.

(iii) The RA may independently review the appeal or may appoint one or more appellate officers to review the appeal and make independent recommendations to the RA. The RA will make the final determination regarding

granting or denying the appeal.

(iv) The RA and appellate officer(s) are empowered only to deliberate whether the eligibility criteria in paragraph (r)(2) of this section were applied correctly. Hardship or other factors will not be considered in determining eligibility.

(v) The RA will notify the applicant of the decision regarding the appeal within 45 days after receipt of the request for appeal or within 45 days after the conclusion of the oral hearing, if applicable. The RA's decision will constitute the final administrative action by NMFS.

(FR 5/15/03)

27/03

COAST PILOT 5

**30 Ed 2003 Change No. 20
LAST NM 20/03**

Page 66—Paragraph 775; read:

(4) *Boothville Anchorage.* An area 5.5 miles in length along the right descending bank of the river extending from mile 13.0 to mile 18.5 above Head of Passes. The width of the anchorage is 750 feet. The inner boundary of the anchorage is a line parallel to the nearest bank 250 feet from the water's edge into the river as measured from the Low Water Reference Plane (LWRP). The outer boundary of the anchorage is a line parallel to the nearest bank 1,000 feet from the water's edge into the river as measured from the LWRP.

(CL 634/03; FR 3/20/03)

27/03

Page 240—Paragraph 270, lines 5 to 8; read:

Intracoastal Waterway. In January 2003, the controlling depth in the entrance channel was 10.0 feet to the bridge over the pass, thence 6.8 feet (7.4 feet at midchannel) to Daybeacon 8, thence 5.0 feet (5.4 feet at midchannel) to the intersection with the Intracoastal Waterway.

(CL 468/03; BPs 180017-23)

27/03

Page 262—Paragraph 287, lines 10 to 12; read:

Escambia River. In December 2002, the controlling depth was 7.0 feet (10.0 feet at midchannel) to the mouth of Escambia River, thence 3.6 feet to the ...

(CL 746/03)

27/03

Page 279—Paragraph 257, lines 7 to 8; read:

Popps Ferry Road highway bridge; thence in January 2003, 8.0 feet (11.0 feet at midchannel) to the seaway. The channel is ...

(CL 554/03)

27/03

Page 279—Paragraph 269, lines 9 to 11; read:

Rivers Road. In January 2003, the controlling depth was 9.8 feet (12.0 feet at midchannel) to Light 5, thence 4.4 feet (12.0 feet at midchannel) to Light 11, thence 2.1 feet (6.4 feet at ...

(CL 555/03)

27/03

Page 301—Paragraph 179, line 2; read:

from 88 to 240 miles AHP is a regulated navigation area.
(See ...)

(33 CFR 165.803)

27/03

COAST PILOT 5 (Continued)

Page 311—Paragraph 383; strike out.
(33 CFR 165) 27/03

Page 415—Paragraph 261, line 2; read:
gasoline, diesel fuel, electricity, marine supplies, water, ice, a
70-foot marine railway, and a 70-ton lift for hull, engine ...
(CL 574/03) 27/03

Page 453—Paragraph 53, line 4 to Paragraph 56; read:
Engineer District Mobile, P.O. Box 2288, Mobile, AL
36602, Attn: Map Sales, LM-SR; telephone, 251-441-5631.

Flood Control and Navigation Maps of the Mississippi River, Cairo, IL to the Gulf of Mexico: Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, 4155 Clay Street, Vicksburg, MS 39183-3435, Attn: Map Sales; telephone: 601-631-5042.

Upper Mississippi River Navigation Charts (Mississippi River, Cairo, IL to Minneapolis, MN): Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

Charts of the Illinois Waterway, from Mississippi River at Grafton, IL to Lake Michigan at Chicago and Calumet Harbors: Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone 309-794-5338.

(CE/03) 27/03

COAST PILOT 5 30 Ed 2003 Change No. 21

Page 221—Paragraph 331, line 7; read:
Venice Inlet Light 1 (27°06'46"N., 82°28'12"W.), 20 feet
above ...
(14/03 CG7; LL/03) 27/03

Page 233—Paragraph 124, lines 3 to 5; read:
thence S to a powerplant wharf at **Big Bend**. In 1996, the
controlling depth was 33 feet in the channel; thence in 1992,
depths of 13 to 38 feet in the ...
(NOS 11416) 27/03

COAST PILOT 5 30 Ed 2003 Change No. 22

Page 30—Paragraph 674 to Paragraph 675, line 2; read:
In Prince William Sound, Alaska.

MARINE POLLUTION**Compliance with the Federal Water Pollution Control Act or Clean Water Act**

The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain the chemical, physical and biological integrity of our nation's waters.

No Discharge Zones.—Section 312 of the FWPCA, entitled "Marine Sanitation Devices" (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Dis-

charge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

Oil Pollution.—The FWPCA also prohibits ...
(CL 139/02; 40 CFR 140) 27/03

COAST PILOT 5 30 Ed 2003 Change No. 23

Page 69—Paragraph 843, line 2 to Paragraph 851; read:
beginning.

(3) *Anchorage area (C)*. The water bounded by a line connecting the following points:

Latitude	Longitude
29°20'39.0"N	94°46'07.5"W
29°21'06.1"N	94°47'00.2"W
29°21'24.0"N	94°46'34.0"W
29°21'14.5"N	94°45'49.0"W

and thence to the point of beginning.

(b) *The regulations*. (1) The anchorage area is for the temporary use of vessels of all types, but especially for vessels awaiting weather and other conditions favorable to the resumption of their voyages.

(2) Except when stress of weather makes sailing impractical or hazardous, vessels shall not anchor in anchorage areas (A) or (C) for more than 48 hours unless expressly authorized by the Captain of the Port Houston-Galveston. Permission to anchor for longer periods may be obtained through Coast Guard Vessel Traffic Service Houston/Galveston on VHF-FM channels 12 (156.60 MHz) or 13 (156.65 MHz).

(3) No vessel with a draft of less than 22 feet may occupy anchorage (A) without prior approval of the Captain of the Port.

(4) No vessel with a draft of less than 16 feet may anchor in anchorage (C) without prior approval of the Captain of the Port Houston-Galveston.

(5) Vessels shall not anchor so as to obstruct the passage of other vessels proceeding to or from other anchorage spaces.

(6) Anchors shall not be placed in the channel and no portion of the hull or rigging of any anchored vessel shall extend outside the limits of the anchorage area.

(7) Vessels using spuds for anchors shall anchor as

COAST PILOT 5 (Continued)

close to shore as practicable having due regard for the provisions in paragraph (b)(5) of this section.

(8) Fixed moorings, piles or stakes, and floats or buoys for marking anchorages or mooring in place, are prohibited.

(9) Whenever the maritime or commercial interests of the United States so require, the Captain of the Port, or his authorized representative, may direct the movement of any vessel anchored or moored within the anchorage areas.

(FR 5/13/03) 27/03

Page 120—Paragraph 2659; read:

§165.814 Security Zones; Captain of the Port Houston-Galveston Zone.

(a) *Location.* The following areas are designated as security zones:

(1) Houston, Texas. The Houston Ship Channel and all associated turning basins, bounded by a line drawn between Houston Ship Channel Light 132 (LLNR-24445) and Houston Ship Channel Light 133 (LLNR-24450) west to the T & N Rail Road Swing Bridge at the entrance to Buffalo Bayou, including all waters adjacent to the ship channel from shoreline to shoreline and the first 200 yards of connecting waterways.

(2) Morgan's Point, Texas. The Barbours Cut Ship Channel and Turning Basin containing all waters west of a line drawn between Junction Light "Barbours Cut" 29 41'12"N., 94 59'12"W. (LLNR-23525), and Houston Ship Channel Light 91, 29 41'00"N., 94 59'00"W. (LLNR-23375) (NAD 1983).

(3) Bayport, TX. The Port of Bayport, Bayport Ship Channel and Bayport Turning Basin containing all waters south of latitude 28 36'45"N. and west of Bayport Ship Channel Light 9 (LLNR-23295) (NAD 1983).

(4) Texas City, Texas. The Port of Texas City Channel, Turning Basin and Industrial Canal containing all waters bounded by the area south and west of a line drawn from Texas City Channel Light 19 (LLNR 24810) through Cut B Inner Range Front Light (LLNR 24765) and terminating on land in position 29 23'16"N., 94 53'15"W. (NAD 1983).

(5) Freeport, Texas. (i) The Dow Barge Canal containing all waters bounded by its junction with the Intracoastal Waterway, by a line drawn between the eastern point at latitude 28 56'48"N., 95 18'20"W., and the western point at 28 56'40"N., 95 18'33"W. (NAD 1983).

(ii) The Brazos Harbor containing all waters west of a line drawn between the northern point at 28 56'27"N., 95 20'00"W., and the southern point 28 56'09"N., 95 20'00"W. (NAD 1983) at its junction with the Old Brazos River Cut.

(b) *Effective dates.* This section is effective on April 14, 2003.

(c) *Regulations.* (1) Entry of into these zones is prohibited except for the following:

(i) Commercial vessels operating at waterfront facilities within these zones;

(ii) Commercial vessels transiting directly to or from waterfront facilities within these zones;

(iii) Vessels providing direct operational/logistic support to commercial vessels within these zones;

(iv) Vessels operated by the appropriate port authority or by facilities located within these zones; and

(v) Vessels operated by federal, state, county, or municipal agencies.

(2) Other persons or vessels requiring entry into a zone described in this section must request express permission to enter from the Captain of the Port Houston-Galveston, or designated representative.

(3) To request permission as required by these regulations contact "Houston Traffic" via VHF Channels 11/12 or by phone at (713) 671-5103.

(4) All persons and vessels shall comply with the instructions of the Captain of the Port Houston-Galveston and designated on-scene U.S. Coast Guard patrol personnel. On-scene U.S. Coast Guard patrol personnel include commissioned, warrant, and petty officers of the U.S. Coast Guard.

Subpart G-Protection of Naval Vessels**§165.2010 Purpose.**

(FR 5/5/03)

27/03

COAST PILOT 6

33 Ed 2003

Change No. 1

LAST NM 23/03

Page 528—Paragraph 32, line 5 to Paragraph 35; read:
2888, Mobile, AL 36602, Attn: Map Sales, LM-SR; telephone, 251-441-5631.

Flood Control and Navigation Maps of the Mississippi River, Cairo, IL to the Gulf of Mexico: Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, 4155 Clay Street, Vicksburg, MS 39183-3435, Attn: Map Sales; telephone: 601-631-5042.

Upper Mississippi River Navigation Charts (Mississippi River, Cairo, IL to Minneapolis, MN): Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

Charts of the Illinois Waterway, from Mississippi River at Grafton, IL to Lake Michigan at Chicago and Calumet Harbors: Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone 309-794-5338.

(CE/03)

27/03

COAST PILOT 6

33 Ed 2003

Change No. 2

Page 5—Paragraph 52, line 8; read:

seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lights.htm. Mariners should refer to these publications for ...

(08/03 CG7)

27/03

COAST PILOT 6 (Continued)

Page 75—Paragraph 692, line 6 to Page 80—Paragraph 859; read:
penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos**§160.201 General.**

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

- (a) Applicability and exemptions from requirements in this subpart;
- (b) Required information in an NOA;
- (c) Required changes to an NOA;
- (d) Methods and times for submission of an NOA and changes to an NOA;
- (e) How to obtain a waiver; and
- (f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

- (a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.
- (b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*
- (c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.
- (d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

- (1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.
- (2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.
- (3) Vessels operating upon the following waters:
 - (i) Mississippi River between its sources and mile 235, Above Head of Passes;
 - (ii) Tributaries emptying into the Mississippi River above mile 235;
 - (iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and
 - (iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.
- (b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:
 - (1) Vessels 300 gross tons or less, except for vessels

entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry 7) to Table 160.206.

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry 8) to Table 160.206.

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

(2) Division 1.5D blasting agents for which a permit is required under 49 CFR 176.415 or, for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

(6) Class 7, “highway route controlled quantity” radioactive material or “fissile material, controlled shipment,” as defined in 49 CFR 173.403.

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

COAST PILOT 6 (Continued)

- (8) The following bulk liquids:
- (i) Acetone cyanohydrin,
 - (ii) Allyl alcohol,
 - (iii) Chlorosulfonic acid,
 - (iv) Crotonaldehyde,
 - (v) Ethylene chlorohydrin,
 - (vi) Ethylene dibromide,
 - (vii) Methacrylonitrile, and
 - (viii) Oleum (fuming sulfuric acid).

Charterer means the person or organization that contracts for the majority of the carrying capacity of a ship for the transportation of cargo to a stated port for a specified period. This includes "time charterers" and "voyage charterers."

Crewmember means all persons carried on board the vessel to provide navigation and maintenance of the vessel, its machinery, systems, and arrangements essential for propulsion and safe navigation or to provide services for other persons on board.

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel's flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 ("Convention"). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or

shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise-bareboat chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

Time charterer means the party who hires a vessel for a specific amount of time. The owner and his crew manage the vessel, but the charterer selects the ports of destination.

Voyage charterer means the party who hires a vessel for a single voyage. The owner and his crew manage the vessel, but the charterer selects the ports of destination.

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206. TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels carrying CDC	
		Towing vessels controlling vessels carrying CDC	
(1) Vessel Information:			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information:			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X

COAST PILOT 6 (Continued)

- (iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;
- (iv) For each port or place in the United States to be visited, the estimated date and time of arrival;
- (v) For each port or place in the United States to be visited, the estimated date and time of departure;
- (vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and
- (vii) The name and telephone number of a 24-hour point of contact

x	x	x
x	x	x
x	x	x
x	x	x
x	x	x

(3) Cargo Information:

- (i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);
- (ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and
- (iii) Amount of each certain dangerous cargo carried

x	x	x
	x	x
	x	x

(4) Information for each Crewmember Onboard:

- (i) Full name;
- (ii) Date of birth;
- (iii) Nationality;
- (iv) Passport or mariners document number (type of identification and number);
- (v) Position or duties on the vessel; and
- (vi) Where the crewmember embarked (list port or place and country)

x	x	x
x	x	x
x	x	x
x	x	x
x	x	x

(5) Information for each Person Onboard in Addition to Crew:

- (i) Full name;
- (ii) Date of birth;
- (iii) Nationality;
- (iv) Passport number; and
- (v) Where the person embarked (list port or place and country)

x	x	x
x	x	x
x	x	x
x	x	x

(6) Operational condition of equipment required by §164.35 of this chapter

x	x	x
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(7) International Safety Management (ISM) Code Notice:

- (i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;
- (ii) The date of issuance for the vessel's Safety Management Certificate; and
- (iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates

x	x	x
x	x	x
x	x	x

(8) Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7

x	x	x
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(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage

may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

COAST PILOT 6 (Continued)**§160.208 Changes to a submitted NOA.**

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

- (1) Changes in arrival or departure times that are less than six (6) hours;
- (2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and
- (3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

- (1) Telephone at 1-800-708-9823 or 304-264-2502;
- (2) Fax at 1-800-547-8724 or 304-264-2684; or
- (3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

- (i) By direct connection with USCS or by purchasing the proper software; or
 - (ii) Using a service provider or a Port Authority.
- (2) To become a participant in Sea AMS, submitters

must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs areas follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination;
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to

COAST PILOT 6 (Continued)

Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03) 27/03

Page 254—Paragraph 535, lines 8 to 14; read:
entrance channel. In September 2002, the entrance channel was shoal to bare. An overhead power cable with ...
(CL 207/02; BP 179440) 27/03

COAST PILOT 6 33 Ed 2003 Change No. 3

Page 31—Paragraph 446, line 2 to Paragraph 448; read:
charts.
(NOS/03) 27/03

Page 527—Paragraph 24; read:
Distances between United States Ports (available on the internet only at <http://chartmarker.ncd.noaa.gov/nsd/ports.html>).
(01/03 CG7) 27/03

COAST PILOT 6 33 Ed 2003 Change No. 4

Page 194—Paragraph 184, lines 9 to 14; read:
breakwater and the jetties. In August 2002, the controlling depths were 4.1 feet in the E approach channel and 4.5 feet in the W approach channel, thence 5.2 feet between the jetties to the harbor basin, thence 6.6 to 8.0 feet in the basin.
(BP 179441; CL 2073/02) 27/03

Page 314—Paragraph 114, line 1; read:

Channels

A dredged entrance channel ...
(38/02 CG9; LL/02; LL/03) 27/03

Page 346—Paragraph 59, lines 6 to 10; read:
large riprap stones along the sides, and end. In 2002, reported depths in the harbor were 9 feet along the outer ends of the municipal piers, thence 7.5 feet in the NE basin and 6.4 feet in the SW basin.

(BP 180549; CL 815/03) 27/03

Page 504—Paragraph 324; strike out.

(CL 2176/02) 27/03

COAST PILOT 6 33 Ed 2003 Change No. 5

Page 35—Paragraph 522, line 4 to Paragraph 523, line 1; read:

Signals for Surveying Vessels, this chapter.)

NAVIGATION RESTRICTIONS AND REQUIREMENTS**MARINE POLLUTION****Compliance with the Federal Water Pollution Control Act or Clean Water Act**

The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain the chemical, physical and biological integrity of our nation's waters.

No Discharge Zones

Section 312 of the FWPCA, entitled "Marine Sanitation Devices" (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Discharge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

Oil Pollution

The FWPCA also ...
(CL 139/02; 40 CFR 140) 27/03

COAST PILOT 7	34 Ed 2002	Change No. 17	
LAST NM 22/03			
Page 201—Paragraph 512, lines 2 to 4; read: turns N into the entrance basin; an inner basin is just N of the entrance basin. In December 2002, the controlling depth was 19 feet at midchannel; thence in 1996-December 2002, the entrance basin had depths of 14 to 18 feet; thence in 1996, the controlling depth was 9 feet in the inner basin. (BP 180025; DD1)	27/03	Page 359—Paragraph 398, lines 2 to 4; read: about 0.7 mile SW from the entrance of Cape Sante Waterway to the waterfront area of Anacortes Industrial Park. In April 2001, the controlling depth was 15.6 feet in the channel except for shoaling to 14.8 feet in the W side of the channel along the waterfront. A marina is at the N end of the ... (BPs 178462-63)	27/03
Page 219—Paragraph 154, line 8; read: Monterey.		COAST PILOT 7	34 Ed 2002
Pilotage, Monterey Bay. —Pilotage in and out of Monterey Bay is compulsory for all vessels of foreign registry and U.S. vessels under enrollment not having a federal licensed pilot on board. The San Francisco Bar Pilots provide pilotage to harbors in Monterey Bay (see Pilotage, San Francisco, chapter 7 for contact information.) The pilot boarding area is within a 1-mile radius centered around a point located at 36°40'00"N., 121°58'00"W., about 2.5 miles NW of Point Pinos Light. (CL 2301/02; CL 577/03)	27/03	Change No. 18	
Page 283—Paragraph 6, lines 15 to 19; read: a fog signal is on the inner end of the E jetty. In November 2002, the controlling depths were 11 feet for a mid-width of 100 feet in the entrance channel to the turning basin, thence 8 to 13 feet in the basin, thence 8 feet in the entrance to the lower small-craft basin; thence in June 2002, 7 to 9 feet in the barge slip. An overhead power cable ... (BP 179646)	27/03	Page 240—Paragraph 351, lines 2 to 3; read: boat harbor with 360 slips. In 2001, the reported depth alongside the slips was 9 feet. L-shaped breakwaters protect basins on either ... (CL 1567/01)	27/03
Page 286—Paragraph 60, lines 1 to 2; read: In February 2003, depths along the E side of the wharf were 2 to 4 feet. Gasoline, ... (BP 180175)	27/03	Page 240—Paragraph 358, line 6; read: depth of 10 feet in 2002. The front range light is usually difficult to ... (CL 230/03)	27/03
Page 297—Paragraph 231, lines 3 to 4; read: March 2003, 6 to 8 feet in the basin with lesser depths along the edges. In 1994, shoaling to 4 feet was reported ... (BP 180258)	27/03	Page 245—Paragraph 384, lines 4 to 6; read: entrance to the harbor. In February 2001, a reported depth of 7 feet was in the approach to the harbor; a depth of 8 feet was reported alongside the berths. (See the small-craft facilities ... (CL 1567/01)	27/03
Page 307—Paragraph 112, lines 1 to 4; read: In June 2002, the controlling depths were 13 feet (16 feet at midchannel) in the entrance channel to the basin, thence depths of 4 to 8 feet in the N half and 8 to 15 feet in the S half of the basin, and thence 6 feet at midchannel to the head of the project at the railroad ... (BP 178294; NOS 18521)	27/03	Page 255—Paragraph 492, lines 7 to 9; read: in February 2002, 3.2 feet at midchannel to Haystack Landing in about 38°13'17"N., 122°36'17"W.; thence in February 2003, 5.4 feet to McNear Canal, thence 4.3 feet in the N half to the turning basin at Petaluma, thence depths ... (BPs 177123-26; BPs 180243-47)	27/03
Page 359—Paragraph 397, lines 4 to 6; read: by lights. In April 2001, the centerline controlling depth was 11.4 feet in the entrance channel, thence depths of 8 to 11 feet in the basin with lesser depths along the E edge and in the vicinity of the breakwaters. (BP 178461; NOS 18423)	27/03	Page 269—Paragraph 12, lines 6 to 12; read: July 2002, the controlling depths were 11.1 feet to the lower turning basin, thence depths in the basin were 12 feet in the W half and 12 to 4.2 feet in the E half, thence 8.0 feet (8.7 feet at midchannel) to the second turning basin at the N end of the harbor with 9.1 to 12 feet in the basin (except for shoaling to 1.1 feet along the N edge in about (38°19'58"N., 123°03'02"W.), thence 10.4 feet (11.4 feet at midchannel) along the NE side of the town to the upper turning basin at the extreme inner end of the channel with 7 to 11 feet in the basin (except for shoaling to 2.4 feet along the NE and SE edges.) The ... (BPs 178732-35; NOS 18643)	27/03
Page 307—Paragraph 115, lines 3 to 4; read: Washington side. In June 2002, the controlling depth was 6 feet in the left half of the channel to the basin; thence ... (BP 178013)	27/03		

COAST PILOT 7**34 Ed 2002****Change No. 19**

Page 177—Paragraph 146; read:

54°20'N., 164°45'W.

Offshore Vessel Traffic Management Recommendations.—Based on the **West Coast Offshore Vessel Traffic Risk Management Project**, which was co-sponsored by the **Pacific States/British Columbia Oil Spill Task Force** and **U.S. Coast Guard Pacific Area**, it is recommended that, where no other traffic management areas exist such as Traffic Separation Schemes, Vessel Traffic Services, or recommended routes, vessels 300 gross tons or larger transiting along the coast anywhere between Cook Inlet and San Diego should voluntarily stay a minimum distance of 25 nautical miles offshore. It is also recommended that tank ships laden with persistent petroleum products and transiting along the coast between Cook Inlet and San Diego should voluntarily stay a minimum distance of 50 nautical miles offshore. Vessels transiting short distances between adjacent ports should seek routing guidance as needed from the local Captain of the Port or VTS authority for that area. This recommendation is intended to reduce the potential for vessel groundings and resulting oil spills in the event of a vessel casualty.

(CL 283/03)

27/03

Page 358—Paragraph 386, lines 13 to 16; read:

Padilla Bay. In May 2002, the midchannel controlling depth was 7.3 feet from Skagit Bay to Padilla Bay.

(BPs 179251-62)

27/03

Page 368—Paragraph 48, lines 4 to 8; read:

S jetty. About 100 small-craft berths, electricity, water, pump-out station, launching ramp, and a 25-ton lift are available. Hull and engine repairs for small craft can be made. Reported depths of 9 feet were available in the approach to the harbor, with 12 feet alongside the ...

(CL 1465/02)

27/03

COAST PILOT 7**34 Ed 2002****Change No. 20**

Page 219—Paragraph 150, lines 11 to 12; read:

Landing. Shelter from NW winds is afforded at Santa Cruz Anchorage and Soquel Cove, off the N shore of the bay, and from SW ...

(CL 751/03)

27/03

Page 219—Paragraph 151, line 4; read:

in the S and Santa Cruz Anchorage in the N, fog reduces visibility to ...

(CL 751/03)

27/03

Page 222—Paragraph 189, line 2; read:

Santa Cruz Anchorage. Fair shelter is afforded in NW weather, but ...

(CL 751/03)

27/03

Page 222—Paragraph 195, line 1; read:

Santa Cruz Anchorage, on the NW shore of Monterey Bay ...
(CL 751/03)

27/03

Page 222—Paragraph 198, line 2; read:

for Santa Cruz Anchorage (Santa Cruz Harbor) are described in **80.1138**, chapter 2.

(CL 751/03; 33 CFR 80.1138)

27/03

Page 222—Paragraph 201, line 2; read:

the pier in 5 fathoms, sand bottom. Santa Cruz Anchorage provides ...

(CL 751/03)

27/03

Page 308—Paragraph 124, lines 5 to 7; read:

the N by the main channel buoys.

(LL/03; NOS 18521)

27/03

Page 475—Paragraphs 239 to 244; strike out.

(CL 609/03)

27/03

Page 477—Paragraphs 403 to 405; read:

NOJ, Kodiak, AK, U.S. Coast Guard, and
KLB, Seattle, WA, Mobile Marine Radio, Inc.

(CL 609/03; PUB 117A/03)

27/03

COAST PILOT 8**24 Ed 2002****Change No. 18**
LAST NM 18/03

Page 86—Paragraph 82, line 8; read:
entrance channels.

Offshore Vessel Traffic Management Recommendations.—Based on the **West Coast Offshore Vessel Traffic Risk Management Project**, which was co-sponsored by the **Pacific States/British Columbia Oil Spill Task Force** and **U.S. Guard Pacific Area**, it is recommended that, where no other traffic management areas exist such as Traffic Separation Schemes, Vessel Traffic Services, or recommended routes, vessels 300 gross tons or larger transiting along the coast anywhere between Cook Inlet and San Diego should voluntarily stay a minimum distance of 25 nautical miles offshore. It is also recommended that tank ships laden with persistent petroleum products and transiting along the coast between Cook Inlet and San Diego should voluntarily stay a minimum distance of 50 nautical miles offshore. Vessels transiting short distances between adjacent ports should seek routing guidance as needed from the local Captain of the Port or VTS authority for that area. This recommendation is intended to reduce the potential for vessel groundings and resulting oil spills in the event of a vessel casualty.

(CL 283/03)

27/03

Page 90—Paragraph 6, line 2; read:

depth of 25 fathoms (45.7 m) in 53°19'N., 135°40'W.

(H 10996; BP 179342)

27/03

COAST PILOT 8 (Continued)

Page 128—Paragraph 360, line 1; read:

Mariposa Rock, with 1.6-fathoms (3 m) over it and ...
(H 10959; BPs 176632-34)) 27/03

Page 136—Paragraph 515; read:

Dangers.—The approach to Wrangell Harbor is clear of dangers. A shoal of 2.6 fathoms (4.7 m) is about 55 yards (50.3 m) N of the breakwater. One submerged dolphin is along the eastern side of the entrance channel, approximately 200 yards (182.9 m) ENE of the breakwater. A small pier with one exposed dolphin just off the N end is along the W side of the entrance channel. Submerged piles are about 114 yards (104.2 m) off the SE end of the outer mooring basin, about 33 yards (30.2 m) NW of a floating dock.

(CL 480/02) 27/03

Page 182—Paragraph 79, line 5; read:

from a spindle with a red and white diamond-shaped ...
(29/97 CG17; LL/02) 27/03

Page 241—Paragraph 11, lines 1 to 2; read:

A channel is between these two rocks, and between Sea Rock and the cape, but shoaling exists in both passages and neither is recommended. Strong tide ...

(CL 912/03) 27/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
660	Montauk Point Light	41 04 15 N 71 51 26 W	Fl W 5s	168	18	White octagonal, pyramidal tower with brown band midway of height, covered way to gray dwelling.	Emergency light Fl W 5s when main light is extinguished. HORN: 1 blast ev 15s (2s bl).
						*	27/03
5970	Carlton Ledges Jetty Daybeacon 33					SG on wooden spindle.	
						*	27/03
6275	- Daybeacon 26 On north end of Beef Rock.					TR on wooden spindle.	Maintained from Apr. 1 to Oct. 15.
						*	27/03
8015	Jordan Point Daybeacon 9	43 27 41 N 70 23 38 W				SG on wooden spindle.	Maintained from Apr. 1 to Nov. 1.
						*	27/03
9820	<i>Avery Ledge Lighted Buoy 2</i>		Fl R 4s		4	Red.	
						*	27/03
10425	<i>Fifteen-foot Rock Lighted Bell Buoy FR</i>	42 30 15 N 70 49 05 W	Fl (2+1) R 6s		4	Red and green bands.	
						*	27/03
	Hingham Bay						
	<i>Aids maintained from May 1 to Oct. 15.</i>						
11765	- Channel Buoy 31					Green can.	Aids maintained from May 1 to Oct. 15.
						*	27/03
13650 545	Nantucket (Great Point) Light	41 23 25 N 70 02 54 W	Fl W 5s (R sector)	71	W 14 R 12	On white tower. 70	Red from 084° to 106°. Covers Cross Rip and Tuckernuck Shoals.
						*	27/03
	<i>*Add Heading: *Kickamuit River</i>						
18975	- Buoy 2	41 41 42 N 71 14 39 W				Red nun.	
							27/03
19490	- EAST ENTRANCE LIGHT 3	41 21 36 N 71 29 53 W	Fl G 4s	39	5	SG on post on concrete base.	
						*	27/03
	Main Channel						
20025	<i>Watch Hill Lighted Bell Buoy 2</i>	41 17 59 N 71 51 33 W	Fl R 6s		4	Red.	Removed when endangered by ice.
						*	27/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Silver Eel Pond							
21055	- Entrance Lighted Whistle Buoy SE	41 15 37 N 72 02 12 W	Mo(A)		4	Red and white.	
*							
							27/03
CONNECTICUT RIVER - LONG ISLAND SOUND TO DEEP RIVER (Chart 12375)							
Connecticut River							
22495 21115	Saybrook Breakwater Light	41 15 48 N 72 20 34 W	Fl G 6s	58	11 49	White conical tower on brown cylindrical pier.	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
*							
							27/03
23885	Inner Reef North Buoy 5 Marks northeast side of rock.	41 14 32 N 72 46 03 W				Green can.	
*							
							27/03
24060 21210	Southwest Ledge Light	41 14 04 N 72 54 44 W	Fl R 5s	57	13	White octagonal house on cylindrical pier.	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl).
*							
							27/03
27695 21090	- LIGHT	41 10 26 N 72 12 42 W	Fl W 2.5s	50	5	On skeleton tower.	
*							
							27/03
Runway Channel							
34615	- Buoy 1R	40 35 19 N 73 51 16 W				Green can.	
*							
							27/03
35620	DOCK RANGE REAR LIGHT 800 yards, 207.5° from front light.	40 26 42 N 74 03 22 W	F G	58		KRW on pile.	Visible on range line only. Lighted throughout 24 hours. Maintained by U.S. Navy.
*							
							27/03
36355	- Ward Point Anchorage Buoy B	40 29 08 N 74 14 28 W				Yellow can.	
*							
							27/03
36750	- LIGHT 14	40 33 15 N 74 14 28 W	Fl R 4s	33	5	TR on skeleton tower.	
*							
							27/03
*36875	- LIGHT 4	40 38 23 N 74 02 19 W	F R	24	9	TR on pile.	
27/03							

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
37785	- LIGHT 19	41 09 50 N 73 55 20 W	Fl G 4s	35	4	SG on same structure as Haverstraw Bay South Reach Range Front Light.	Visible all around. *
							27/03
38403	WANTON ISLAND DIRECTIONAL LIGHT	42 07 42 N 73 55 01 W	Dir. Oc. W.R.G. 4s	20		On skeleton tower.	Shows red from 015.25° to 016.75°; white from 016.75° to 017.25°; green from 017.25° to 018.75°.
					*		27/03
39810	SPLIT ROCK POINT	44 16 09 N 73 19 17 W	Fl W 2.5s	93	7	NB on red skeleton tower.	
		*	*	*			27/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2115	- CHANNEL LIGHT 9		Fl G 4s	15	4	SG on pile.	
				*			27/03
2475	HOPE CREEK JETTY LIGHT 1	39 26 38 N 75 30 41 W	Q G	16	5	SG and NW on pile on red cement block, NW worded DANGER SUBMERGED JETTY.	
		*		*			27/03
2500	REEDY ISLAND DIKE SOUTH LIGHT	39 28 04 N 75 34 29 W	Fl W 2.5s	21	6	NW on skeleton tower worded DANGER SUBMERGED DIKE.	
				*			27/03
2565	- MIDDLE LIGHT		Fl W 6s	20	8	NW on pile worded DANGER SUBMERGED DIKE.	
				*			27/03
2665	- LIGHT 4	39 33 40 N 75 31 42 W	Fl R 2.5s	15	4	TR on multi-pile structure.	
		*		*			27/03
2670	- LIGHT 5	39 33 37 N 75 31 29 W	Fl G 4s	15	4	SG on multi-pile structure.	
				*			27/03
2705	- LIGHT 11	39 34 13 N 75 30 29 W	Fl G 2.5s	15	4	SG on multi-pile structure.	
				*			27/03
2715	- LIGHT 14	39 34 16 N 75 29 53 W	Fl R 4s	15	4	TR on multi-pile structure.	
				*			27/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Pea Patch Island							
2840	- Special Warning Marker PPA On submerged dike.	39 36 15 N 75 35 03 W				NW on pile worded DANGER SUBMERGED DIKE.	*
							27/03
2855	- Special Warning Marker PPC On submerged dike.					NW on pile worded DANGER SUBMERGED DIKE.	*
							27/03
2860	- DIKE LIGHT A On south side of opening through submerged dike.		Fl W 4s	13	5	NW on pole worded DANGER SUBMERGED DIKE.	*
							27/03
2865	- Special Warning Marker PPD On submerged dike.					NW on pile worded DANGER SUBMERGED DIKE.	*
							27/03
2870	- Special Warning Marker PPE On submerged dike.					NW on pole worded DANGER SUBMERGED DIKE.	*
							27/03
*Change Heading to Read: Delaware River (Main Channel) *Deepwater Range							
2900	Pennsville Dike Danger Buoy PDA					White with orange bands worded DANGER DIKE.	Maintained from May 15 to Nov. 1.
							27/03
Pea Patch Island							
2930	- DIKE LIGHT C On submerged dike.		Fl W 6s	20	6	NW on skeleton tower worded DANGER SUBMERGED DIKE.	*
							27/03
3350	- LOWER JETTY LIGHT 2	39 51 11 N 75 13 52 W	Fl R 4s	15	4	TR on pile; concrete base.	*
							27/03
3535	HORSESHOE RANGE REAR LIGHT 616 yards, 206.2° from front light.		Oc R 4s	25		KRW on skeleton tower.	Visible on range line only.
							*
3546	BIG TIMBER CREEK LIGHT 1	39 53 13 N 75 08 04 W	Q G	20	3	SG on multi-pile structure. On same structure as Horseshoe Bend Range Front Light.	Lighted throughout 24 hours.
							*
							27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3717	- PASSING LIGHT		Fl W 4s	18	5	On same structure as Frankford Channel Upper Directional Light.	*
27/03							
Torresdale							
3740	- LOWER RANGE FRONT LIGHT	40 01 07 N 75 00 49 W	Q W		20	KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
				*		*	*
							27/03
3880	BEVERLY UPPER RANGE FRONT LIGHT	40 04 13 N 74 54 08 W	Q W		25	KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
						*	*
							27/03
3885	BEVERLY UPPER RANGE REAR LIGHT 156 yards, 089.4° from front light.		Oc W 4s		37	KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
						*	*
							27/03
3890	EDGEWATER UPPER RANGE FRONT LIGHT	40 04 54 N 74 52 26 W	Q G		29	Skeleton tower on multi-pile structure.	Visible on range line only. Passing light visible all around. Lighted throughout 24 hours.
						*	*
							27/03
3895	EDGEWATER UPPER RANGE REAR LIGHT 344 yards, 069.81° from front light.		Oc G 4s		49	Skeleton tower on multi-pile structure.	Visible on range line only. Lighted throughout 24 hours.
						*	*
							27/03
4020	KEYSTONE RANGE FRONT LIGHT	40 06 32 N 74 49 51 W	Iso R 6s		40	On skeleton tower on small house.	Visible on range line only. Lighted throughout 24 hours.
						*	*
							27/03
4025	KEYSTONE RANGE REAR LIGHT 66 yards, 039.1° from front light.		F R		49	On skeleton tower on small house.	Visible on range line only. Lighted throughout 24 hours.
						*	*
							27/03
4050	LANDRETH RANGE REAR LIGHT 362 yards, 196° from front light.		F W		47	KRW on skeleton tower.	Visible all around; higher intensity on range line.
						*	*
							27/03
5220 5490	- LIGHT 21		Fl G 4s		15	4 SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
					*		27/03
5345	- LIGHT 16	37 53 59 N 75 24 27 W	Fl R 4s		15	3 TR on multi-pile structure.	
					*		27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5490 5220	- LIGHT 21		Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15. *
							27/03
6245	- LIGHT 191		Q G	15	3	SG on pile.	 *
							27/03
6860	- LIGHT 14		Fl R 4s	15	3	TR on multi-pile structure.	 *
							27/03
8356	SWAN POINT SOUTH RANGE REAR PASSING LIGHT		Oc W 4s	25	6	On same structure as Swan Point South Range Rear Light.	 *
						*	27/03
8570	TOWER LIGHT C	39 15 13 N 76 13 25 W	Fl W 4s	50	6	On skeleton tower.	 *
							27/03
8701	POOLES ISLAND NORTH RANGE REAR PASSING LIGHTS		Fl W 4s	46	6	On same structure as Pooles Island North Range Rear Light.	 *
							27/03
8891	GROVE POINT RANGE REAR PASSING LIGHTS		Oc W 4s	30	7	On same structure as Grove Point Range Rear Light.	 *
							27/03
*Delete Heading: *Kings Creek							
21520	KINGS CREEK LIGHT 1	37 16 14 N 76 01 39 W	Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed when endangered by ice. *
							27/03
21525	- LIGHT 3					Remove from list.	* 27/03
21530	- JUNCTION LIGHT KC					Remove from list.	* 27/03
21535	- LIGHT 6					Remove from list.	* 27/03
21540	- Daybeacon 7					Remove from list.	* 27/03
21545	- LIGHT 8					Remove from list.	* 27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21550	- LIGHT 9						<i>Remove from list.</i>
							*
							27/03
21555	- Daybeacon 10						<i>Remove from list.</i>
							*
							27/03
21560	- LIGHT 11						<i>Remove from list.</i>
							*
							27/03
21565	- Daybeacon 12						<i>Remove from list.</i>
							*
							27/03
21570	- LIGHT 15						<i>Remove from list.</i>
							*
							27/03
21575	- Daybeacon 14						<i>Remove from list.</i>
							*
							27/03
22360	- LIGHT 6	37 54 05 N 75 41 18 W	Fl R 4s	15	4	TR on multi-pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*			*		
							27/03
Goose Creek Channel							
23395	- ENTRANCE LIGHT 1	38 05 41 N 75 52 19 W	Fl G 2.5s	19	3	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
		*			*		
							*
							27/03
Kedges Straits							
23460	FOG POINT LIGHT 30 yards west of obstruction.	38 02 12 N 76 02 37 W	Q W	15	5	NB on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
		*					
							27/03
23975	- LIGHT 5	38 14 42 N 75 55 47 W	Fl G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
		*					
							27/03
24930	- <i>Entrance Lighted Buoy 14</i>		Fl R 2.5s		3	Red.	Replaced by unlighted buoy when endangered by ice.
		*					
							27/03
26590	Queenstown Creek Daybeacon 3					SG on pile.	
		*		*	*	*	
							*
26595	Queenstown Creek Buoy 5					Green can.	
		*		*	*	*	
							*
							27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Note:							
Queenstown Harbor							
*Aids located 20 feet outside channel limit.							
26600	- Channel Daybeacon 2	38 59 40 N 76 09 43 W				TR on pile.	
		*	*	*	*		*
28715	- SOUTH FERRY TERMINAL LIGHT 7	35 11 30 N 75 46 50 W	Fl G 4s	15	3	SG on pile.	Ra ref.
		*					27/03
28750	- LIGHT 16	35 12 10 N 75 43 32 W	Fl R 4s	15	3	TR on pile.	Ra ref.
		*		*			27/03
34275	- LIGHT 8		Fl R 4s	15	3	TR on pile.	
				*			27/03
34285	- LIGHT 10		Fl R 4s	15	3	TR on pile.	
				*			27/03
34965	- LIGHT 9	40 05 33 N 74 05 50 W	Fl G 4s	15	4	SG on pile.	
		*		*		*	
40045	- Buoy 2	33 54 55 N 78 01 09 W				Red nun with yellow triangle.	
		*					27/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Note:							
Queenstown Harbor							
*Aids located 20 feet outside channel limit.							
5265	- LOWER REACH RANGE REAR LIGHT 2,197 yards, 007.1° from front light.		Oc W 4s	63		KGR on skeleton tower on piles.	Visible 2° each side of range line.
		*					27/03
20640	- LIGHT 48 100 feet outside channel limit.		Q R	17	3	TR on pile.	
				*			27/03
21245	- LIGHT 123 120 feet outside channel limit.		Q G	17	3	SG on skeleton tower.	
				*	*		27/03
21597	- OLD RIVER OBSTRUCTION LIGHT WR1	29 44 34 N 93 53 35 W	Q G	17	3	SG on dolphin.	
		*		*			27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21785	- LIGHT 43		Fl G 2.5s	17	5	SG on pile.	
				*			27/03
21820	- LIGHT 47		Fl G 4s	17	5	SG on pile.	
				*			27/03
22012 33913	- LIGHT 73A	29 58 50 N 93 49 23 W	Fl G 4s	17	4	SG-TY on pile.	Ra ref.
		*		*			27/03
22307	- OUTER RANGE R FRONT PASSING LIGHT		Fl R 2.5	26	4	On same structure as Neches River Outer Range R Front Light.	
				*			27/03
22380	- LIGHT 26A		Fl R 2.5s	17	4	TR on dolphin.	
				*			27/03
22730	GALVESTON NORTH JETTY LIGHT WR2 Marks derelict wreck.	29 21 51 N 94 44 39 W	Q R	17	2	TR on pile.	
				*			27/03
23033	- LIGHT 53	29 30 14 N 94 52 31 W	Fl G 2.5s	17	3	SG on pile.	
		*		*			27/03
23221	MORGANS POINT APPROACH OUTER RANGE REAR PASSING LIGHT		Fl W 4s	14	5	On same structure as Morgans Point Approach Outer Range Rear Light.	
		*		*			27/03
23233	- OUTER RANGE FRONT PASSING LIGHT		Fl W 4s	14	5	On same structure as Bayport Ship Channel Outer Range Front Light.	
				*			27/03
23485	- LIGHT 31		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			27/03
23990	- LIGHT 106	29 42 31 N 95 01 08 W	Fl R 4s	17	3	TR on pile.	
		*		*			27/03
23995	- LIGHT 107		Fl G 6s	17	5	SG on pile.	Ra ref.
				*			27/03
24450	- LIGHT 133 260 feet outside channel limit.		Fl G 2.5s	17	3	SG on pile.	Ra ref.
				*			27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24620	- LIGHT 5		Fl G 4s	17	4	SG on dolphin.	
					*		27/03
24757	- CUT B OUTER RANGE FRONT PASSING LIGHT		Fl R 4s	17	3	On same structure as Texas City Channel Cut B Outer Range Front Light.	
					*		27/03
24805	- LIGHT 17	29 22 46 N 94 52 42 W	Q G	17	3	SG on pile.	
		*			*		27/03
25145	- LIGHT 20	29 33 18 N 95 03 40 W	Fl R 4s	17	4	TR on pile.	
		*			*		27/03
26072	- LIGHT 25		Fl G 4s	17	4	SG on pile.	
					*		27/03
26115	- LIGHT 35		Fl G 4s	17	4	SG on pile.	Ra ref.
					*		27/03
26235	- LIGHT 55		Fl G 4s	17	4	SG on pile.	Ra ref.
					*		27/03
26280	- LIGHT 60		Oc R 4s	17	4	TR on pile.	Ra ref.
					*		27/03
26415	- LIGHT 82		Q R	17	4	TR on pile.	Ra ref.
					*		27/03
27095	- LIGHT 10 90 feet outside channel limit.		Fl R 4s	17	3	TR on pile.	
					*		27/03
27140 37260	- LIGHT 23 50 feet outside channel limit.		Fl G 4s	17	4	SG-TY on pile.	
					*		27/03
27487	INGLESIDE MOORING LIGHT A	27 49 01 N 97 11 42 W	Q W	17	5	NR on pile.	
		*			*		27/03
27487.1	INGLESIDE MOORING LIGHT B	27 48 55 N 97 12 15 W	Fl W 2.5s	17	5	NR on pile.	
		*			*		27/03
27487.2	INGLESIDE MOORING LIGHT C	27 48 57 N 97 12 11 W	Q W	23	5	NB on dolphin.	
		*			*		27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27487.3	INGLESIDE MOORING LIGHT D	27 49 02 N 97 11 46 W	Fl W 2.5s	23	5	NB on dolphin.	
		*		*			27/03
27540	- LIGHT 56	27 48 42 N 97 16 47 W	Fl R 4s	22	3	TR on dolphin.	Ra ref.
		*		*			27/03
27911	- LIGHT 6		Fl R 4s	17	3	TR on pile.	Ra ref.
				*			27/03
Port Isabel Channel							
28292	- JUNCTION LIGHT PI	26 02 46 N 97 12 12 W	Fl (2+1) R 6s	17	3	JR on pile.	
		*					27/03
28293	- LIGHT 2		Fl R 4s	17	4	TR on pile.	
				*			27/03
29240	- LIGHT 5 50 feet outside channel limit.		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
				*			27/03
29705	PEARL BAYOU LIGHT 3		Fl G 4s	17	4	SG on dolphin.	
				*			27/03
29840	SHELL POINT LIGHT 7		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
				*			27/03
29850	- LIGHT 1		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
				*			27/03
30065	- LIGHT 9		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
				*	*		27/03
30100	- LIGHT 17 45 feet outside channel limit.		Fl G 4s	17	4	SG-SY on pile.	
				*			27/03
30270	- LIGHT 11		Fl G 4s	17	4	SG on pile.	
				*			27/03
30300	- LIGHT 19		Fl G 4s	17	4	SG on dolphin.	
				*			27/03
30335	HAMMOCK POINT WRECK LIGHT	30 27 39 N 86 18 14 W	Fl W 2.5s	17	5	NW on pile.	
		*		*			27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Choctawhatchee Bay							
30605	ROCKY BAYOU ENTRANCE LIGHT 1	30 29 02 N 86 27 11 W	Fl G 4s	17	4	SG on pile.	
		*			*		27/03
30740	SMACK SHOAL LIGHT 5	30 25 40 N 86 35 12 W	Fl G 4s	17	4	SG on pile.	
		*			*		27/03
31170	- LIGHT 81		Fl G 4s	17	4	SG-SY on pile.	
					*		27/03
31355	- LIGHT 123		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
					*		27/03
31370	- LIGHT 129		Fl G 4s	17	4	SG-SY on pile.	
					*		27/03
31548	- LIGHT 141 75 feet outside channel limit.		Fl (2) G 5s	17	4	SG-SY on pile.	Ra ref.
		*			*		27/03
31800	- LIGHT 35	30 18 46 N 87 26 20 W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.
		*			*		27/03
31870	- LIGHT 39		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
					*		27/03
31945	- LIGHT 55		Fl G 4s	17	4	SG-SY on pile.	
					*		27/03
31955	- LIGHT 57		Fl G 4s	17	4	SG-SY on pile.	
					*		27/03
32090	- LIGHT 87	30 18 04 N 87 36 10 W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.
		*			*		27/03
32205	- LIGHT 111		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
					*		27/03
32577	DAUPHIN ISLAND WRECK LIGHT WR1		Q G	17	3	SG on pile.	Ra ref.
					*		27/03
Grand Island Channel							
32940	- LIGHT 1		Q G	17	4	SG-SY on pile.	Ra ref.
					*		27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32970	- LIGHT 9	30 10 47 N 89 21 54 W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.
		*		*			27/03
33033	- RANGE REAR PASSING LIGHT		Fl W 4s	20	5	On same structure as Lake Borgne Range Rear Light.	
				*			27/03
33045	- LIGHT 15 180 feet outside channel limit.		Fl G 4s	17	4	SG-SY on pile.	
				*			27/03
33092	BLIND RIGOLETES JUNCTION LIGHT A		Fl (2+1) R 6s	17	3	JR-TY on pile.	Ra ref.
				*			27/03
33110	NEW ORLEANS CUT LIGHT 7		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
				*			27/03
Lake Cocodrie							
33370	- LIGHT 2	29 35 20 N 90 57 53 W	Fl R 4s	17	3	TR-TY on pile.	Ra ref.
		*		*			27/03
33913 22012	- LIGHT 73A	29 58 50 N 93 49 23 W	Fl G 4s	17	4	SG-TY on pile.	Ra ref.
		*		*			27/03
34232	- LIGHT 13A	29 22 41 N 94 46 35 W	Fl G 2.5s	17	5	SG-SY on pile.	
		*		*			27/03
34233	- LIGHT 14	29 22 44 N 94 46 39 W	Fl R 2.5s	17	4	TR-TY on pile.	
		*		*			27/03
34237	- LIGHT 15A	29 22 33 N 94 46 44 W	Q G	17	4	SG-SY on pile.	
		*		*			27/03
35310	- LIGHT 39		Fl G 4s	17	4	SG on pile.	
		*		*			27/03
35640	HALF MOON REEF LIGHT	28 32 21 N 96 15 31 W	Fl W 4s	30	5	NR on skeleton tower on piles.	Ra ref.
		*		*			27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35720	- LIGHT 8 60 feet outside channel limit.	28 30 48 N 96 18 18 W	Fl R 4s	17	3	TR on pile.	Ra ref.
		*		*			27/03
35750	- LIGHT 18 60 feet outside channel limit.	28 33 34 N 96 18 05 W	Fl R 2.5s	17	3	TR on dolphin.	Ra ref.
		*		*			27/03
35860	- LIGHT 85 90 feet outside channel limit.		Fl G 2.5s	17	3	SG-SY on pile.	
				*			27/03
35900	- LIGHT 93 90 feet outside channel limit.	28 28 00 N 96 19 41 W	Fl G 4s	17	4	SG-SY on pile.	
		*		*			27/03
35997	- LIGHT 118	28 27 01 N 96 22 50 W	Fl R 2.5s	17	4	TR-TY on pile.	
		*		*			27/03
37260 27140	ARANSAS CHANNEL LIGHT 23 50 feet outside channel limit.		Fl G 4s	17	4	SG-TY on pile.	
				*			27/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*982	NOAA Data Lighted Buoy 46084	56 35 24 N 136 09 36 W	Fl (4) Y 20s			Yellow boat-shaped hull.	
							27/03
3116	- Lighted Buoy 10					Remove from list.	
						*	27/03
*6201	- Light 18	38 14 47 N 122 17 03 W	Fl R 4s	15	3	TR and white platform on pile structure.	
							27/03
*6202	- Light 20	38 15 13 N 122 17 04 W	Fl R 4s	15	3	TR on pile.	
							27/03
*6203	- Daybeacon 23	38 16 07 N 122 17 12 W		15		SG on pile.	
							27/03
*6204	- Light 25	38 16 17 N 122 17 15 W	Fl G 4s	15	3	SG on pile.	
							27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6205	- LIGHT 26	38 16 22 N 122 17 07 W	Fl R 4s	15	3	TR on pile.	
	*	*				*	27/03
*6206	- Light 28	38 16 30 N 122 16 58 W	Fl R 4s	15	3	TR on pile.	
							27/03
*6207	- Light 30	38 16 43 N 122 16 55 W	Fl R 4s	15	3	TR on pile.	
							27/03
*6208	- Daybeacon 36			15		TR on pile.	
							27/03
6210	- LIGHT 20	38 16 42 N 122 16 57 W	Fl R 4s	15	3	TR on pile.	
	*						27/03
15605	- Junction Lighted Bell Buoy A						Remove from list.
							*
15990	Point Chehalis Lighted Buoy 4	46 54 57 N 124 06 51 W	Fl R 4s	15	4	Red.	
	*	*				*	27/03
16166	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT A	48 22 06 N 124 36 27 W	Fl Y 6s	24	4	NY on pole.	
	*						27/03
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48 22 10 N 124 36 47 W	Q G	24	3	SG on pole.	
	*						27/03
	Ilulluk Harbor						
27480	- Entrance Buoy 8	53 52 42 N 166 32 12 W				Red nun.	
	*						27/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2100	- Canal Channel Lighted Buoy 6		Fl R 10s			Red.	Maintained from Apr. 1 to Dec. 7. Private aid.
				*			27/03
4200	- RIVER ABUTMENT LIGHT						Remove from list.
							*
							27/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *Cuyahoga River							
*4240	- ABUTMENT LIGHT	41 28 48 N 81 40 30 W	F R	14 4		Private aid.	
							27/03
*12441	Mackinac Bay Passage Buoy 16A	42 36 58 N 82 49 06 W			Red nun.		27/03
15845	- South Breakwater Outer Light	46 46 49 N 92 05 15 W	F G	44 13	17 35	White tower on fog signal building.	HORN: (2100-0900): 2 bl ev 60s (3s bl-3s si-3s bl-51s si). HORN: (0900-2100): 1 bl ev 60s for 2 min (4s bl -56s si), followed by 2 blasts (2s bl-1s si-5s bl-52s si). Operates from Apr. 1 to Dec. 1.
							*
							27/03
WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)							
17785	Ile Aux Galets Buoy 2 Marks east side of shoal.	45 40 59 N 85 08 07 W			Red nun.		
				*			27/03
17790	Ile Aux Galets Buoy 9 Marks northwest side of shoal.	45 40 56 N 85 11 02 W			Green can.		
				*			27/03
17800	Dahlia Shoal Buoy 11 Marks southwest side of shoal.	45 37 32 N 85 12 48 W			Green can.		
				*			27/03
17805	Hog Island Reef Obstruction Buoy HI Marks east side of reef.	45 43 13 N 85 20 19 W			Red and green bands; nun.		
				*			27/03
20675	- SOUTH PIERHEAD LIGHT		Fl W 4s	20 6	33 10 21	On gray pole with concrete base. Private aid.	
				*	*		27/03
20840	- Reef Buoy 2 Marks east side of reef.	43 45 27 N 87 41 10 W			Red nun.		
				*			27/03
21185	- Lighted Buoy 26	44 51 35 N 87 24 09 W	Fl R 4s	4	Red.	Replaced by nun from Nov. 21 to Apr. 21.	
				*			27/03
22005	Sherwood Point Traffic Lighted Bell Buoy	44 53 34 N 87 24 51 W	Mo (A) W	6	Red and white stripes.	Maintained from Apr. 21 to Nov. 21.	
				*			27/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHALEUR BAY:							
7066 <i>H 1687</i>	-Anse aux Gascons Range, front.	48° 11.5' N 64° 51.8' W	F.R.	31 9	16	Square skeleton tower, fluorescent orange daymark, black stripe; 25.	Visible on range line only. Operates at night only. 27/03
7067 <i>H 1687.1</i>	--Rear, 70.3 meters 319°25' from front.	48° 11.5' N 64° 51.9' W	F.R.	44 14	16	Square skeleton tower, fluorescent orange daymark, black stripe; 35.	Visible on range line only. Operates at night only. 27/03
7248 <i>H 1592.1</i>	--Rear, 197.7 meters 205° from front.	47° 49.0' N 65° 10.6' W	F.Y.	42 13		Square skeleton tower, white daymark, red stripe; 22.	Visible on range line only. Seasonal. 27/03
8008 <i>H 1154</i>	Tracadie Harbor Range, front.	46° 24.6' N 63° 02.5' W	Iso.R.	20 6		Square skeleton tower, white daymark, red stripe; 15.	Visible on range line only. Seasonal. 27/03
8012 <i>H 1154.1</i>	-Rear, 109 meters 184°43' from front.	46° 24.5' N 63° 02.5' W	Iso.R.	34 10		Square skeleton tower, white daymark, red stripe; 30.	Visible on range line only. Seasonal. 27/03
8402 <i>H 0907.5</i>	-Millerand breakwater.	47° 12.9' N 61° 59.0' W	Q.R.	36 11	5	Square mast; 20.	Operates at night only. 27/03
8420 <i>H 0913.4</i>	Etang du Nord, N. breakwater.	47° 22.2' N 61° 57.7' W	Fl.G. period 3s fl. 1s, ec. 2s	30 9	4	Square mast; 20	Operates at night only. 27/03
8422 <i>H 0913.5</i>	-S. breakwater, head.	47° 22.2' N 61° 57.7' W	Fl.R. period 3s fl. 1s, ec. 2s	19 6	5	Square skeleton tower; 10.	Operates at night only. 27/03
8444 <i>H 0888</i>	Grand Entry Harbor Range, front.	47° 33.4' N 61° 33.7' W	F.R.	22 7	7	Square skeleton tower, orange daymark black stripe; 15.	Visible on range line only. Operates at night only. 27/03
8448 <i>H 0888.1</i>	-Rear, 63 meters 25°57' from front.	47° 33.4' N 61° 33.7' W	F.R.	34 10	7	Square skeleton tower, orange daymark, black stripe; 30.	Visible on range line only. Operates at night only. 27/03
8464 <i>H 0902</i>	Pointe Basse.	47° 23.3' N 61° 47.4' W	Iso.R. period 2s	26 8	5	Square skeleton tower; 17.	Operates at night only. 27/03
8469 <i>H 0915.4</i>	Grindstone (Cap-aux-Meules), W. breakwater.	47° 22.6' N 61° 51.4' W	Iso.R. period 2s	24 7	4	Square skeleton tower; 15.	Operates at night only. 27/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8470 -Wharf Range, front. <i>H 0914</i>		47° 22.6' N 61° 51.2' W	Q.G.	22 7	14	Red square skeleton tower, orange daymark, black stripe; 15.	Visible on range line only. Operates at night only.
					*	*	*
							27/03
8470.1 -Rear, 133 meters 330°13' from front. <i>H 0914.1</i>		47° 22.8' N 61° 51.3' W	Q.G.	39 12	14	Red square skeleton tower, orange daymark, black stripe; 30.	Visible on range line only. Operates at night only.
					*	*	*
							27/03
8484 Havre-Aubert Range, front. <i>H 0909</i>		47° 13.7' N 61° 50.0' W	Q.G.	16 5	11	Red square skeleton tower, orange daymark, black stripe; 15.	Visible on range line only. Operates at night only.
					*	*	*
							27/03
8488 -Rear, 541 meters 213°31' from front. <i>H 0909.1</i>		47° 13.5' N 61° 50.3' W	Iso.G. period 4s	43 13	11	Red square skeleton tower, orange daymark, black stripe; 15.	Visible on range line only. Operates at night only.
					*	*	*
							27/03
STRAIT OF CANSO:							
8700 -Canso Canal, NE. mooring berth. <i>H 3433</i>		45° 39.2' N 61° 25.2' W	Fl.Y. period 4s fl. 0.5s, ec. 3.5s	18 6	Mast.		Private light.
		*	*	*			*
							27/03
9236 Fourchu, head. <i>H 3362</i>		45° 43.1' N 60° 13.8' W	F.W.	62 19	11	White round tower, two red bands; 35.	Obscured 065°-096°. Horn (2): Seasonal. 1 bl. ev. 30s (bl. 3s, si. 27s). Horns sound in unison. Horns point 065° and 170°. Emergency light.
					*	*	
							27/03
14504 -Puerto Ferro. <i>J 5596</i>							Remove from list.
							*
							27/03
14722 -Windward Point. <i>J 5656.8</i>		18° 16.5' N 62° 58.2' W	Fl.(3)W. period 14.5s	82 25	Framework structure; 33.		2 R. lights on radio mast 4.4 miles SW.
							*
							27/03
RIO MAGDALENA:							
16748 -"F-2", W. breakwater, head. <i>J 6188</i>		11° 06.4' N 74° 51.3' W	Fl.R. period 5s fl. 1s, ec. 4s	75 23	13	White tower, red bands.	
-RACON		B(-••)			23		
					*	*	
							27/03
16752 -"F-1", E. breakwater, head. <i>J 6190</i>							Remove from list.
							*
							27/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16756 <i>J 6191</i>	-"E-1" Range, front, on E. breakwater.	11° 06.2' N 74° 50.9' W	Fl.Y. period 2s	23 7	13	Red and white tower, white rectangular daymark, red stripe.	
		*	*	*	*	*	27/03
16760 <i>J 6191.1</i>	-"E-3" Rear, 340 meters 136°30' from front.	11° 06.1' N 74° 50.8' W	Fl.Y. period 5s	66 20	12	White tower, white rectangular daymark, red stripe.	Visible 132°-140°.
		*	*	*	*	*	*
16764 <i>J 6194</i>	-X-2, W. side of river.	11° 06.0' N 74° 51.2' W	F.I.R. period 5s fl. 1s, ec. 4s	26 8	3	White round metal structure, red bands.	
		*			*		27/03
16768 <i>J 6196</i>	-X-4, W. side of river.	11° 05.6' N 74° 51.1' W	F.I.R. period 6s	26 8	3	White tower, red bands.	
		*	*		*		27/03
16772 <i>J 6198</i>	-E-4.	11° 04.2' N 74° 50.8' W	Fl.W. period 4s	30 9	4	White tower.	Visible 318°-324°.
		*			*	*	*
16780 <i>J 6202</i>	-X-6, W. side of river.	11° 05.3' N 74° 51.0' W	F.I.R. period 5s fl. 0.3s, ec. 4.7s	26 8	3	White tower, red bands.	
		*	*		*	*	27/03
16784 <i>J 6191.9</i>	-E-6 Range, spur of W. jetty, front.	11° 03.9' N 74° 50.7' W	Iso.W. period 2s	46 14	14	White tower, white rectangular daymark, red stripe.	Visible 166°-170°.
		*			*	*	*
16788 <i>J 6191.91</i>	-E-8 Rear, 697 meters 167°36' from front.	11° 03.5' N 74° 50.6' W	Iso.W. period 4s	79 24	14	White tower, white rectangular daymark, red stripe.	Visible 166°-170°.
		*			*	*	*
16790 <i>J 6192</i>	-E-12 Range, W. side of river, front.	11° 03.2' N 74° 50.2' W	F.I.G. period 2s	30 9	10	White tower, red bands, white rectangular daymark, red stripe.	Visible 298°-306°.
		*			*		*
16792 <i>J 6204</i>	-"X-8", W. side of river.	11° 04.9' N 74° 51.0' W	F.I.R. period 4s	26 8	3	White tower, red bands.	
		*	*		*	*	27/03
16804 <i>J 6214</i>	-"X-10", W. side of river, below Las Flores.	11° 04.6' N 74° 50.9' W	Fl.(2)R. period 11s	26 8	3	White tower, red bands.	
		*	*	*	*	*	27/03
16806 <i>J 6216</i>	-"E-14".	11° 02.6' N 74° 49.5' W	Fl.W. period 4s	26 8	4	White tower, white rectangular daymark, red stripe.	
		*			*		*
*16808 -	"X-12".	11° 03.9' N 74° 50.7' W	F.I.R. period 5s	26 8	3	White column, red bands.	
							27/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16810 -"X-14".		11° 03.5' N 74° 50.4' W	Fl.R. period 6s	26 8	3	White tower, red bands.	
							27/03
*16812 -"X-16".		11° 03.0' N 74° 50.0' W	Fl.R. period 9s	26 8	3	White tower, red bands.	
							27/03
16815 -"X-1". J 6229		11° 01.4' N 74° 47.2' W	Fl.Y. period 5s	23 7	3	White column, red bands.	
			*	*	*	*	
16817 -E-5 Range, front. J 6229.5		11° 00.9' N 74° 46.4' W	Iso.W. period 2s	23 7	14	White tower, white rectangular daymark, red stripe.	Visible 119°-125°.
			*	*	*	*	*
16818 -"E-7" Rear, 460 meters J 6229.51 121°54' from front.		11° 00.7' N 74° 46.2' W	Iso.W. period 4s	43 13	14	White tower, white rectangular daymark, red stripe.	Visible 119°-125°.
			*	*	*	*	*
16819 -X-3. J 6230		11° 01.1' N 74° 46.7' W	Fl.Y. period 5s	23 7	3	White column, red bands.	
			*	*	*	*	
							27/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13088 Osumi Hira Se. F 4785		30° 02.6' N 130° 02.9' E	Fl.W. period 3s	108 33	8	White tower; 33.	
			*	*	*	*	
16670 -N. breakwater. F 4398.5							Remove from list.
							*
17260 Habaeg Do. F 4294		34° 03.4' N 127° 35.0' E	Fl.W. period 6s	525 160	18	White square concrete tower; 25.	
RACON			G (- - •)		10		
			*	*	*	*	
*17627.7 Mokpo Hang Bridge. F 4217.8		34° 45.1' N 126° 21.9' E	F.W.	33 10	7	Red round daymark, white stripes.	F.G. 10m 4M and F.R. 10m 5M mark width of navigable span.
							27/03
*23762 P. Mamburit.		6° 50.6' S 115° 13.1' E	Fl.W. period 5s	148 45	21		
							27/03

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2716 <i>D 1794</i>	Cabo Corrubedo.	42° 34.6' N 9° 05.4' W	Fl.(2+3)W.R. period 20s fl. 0.4s, ec. 2s fl. 0.4s, ec. 2s fl. 0.4s, ec. 6s fl. 0.4s, ec. 2s fl. 0.4s, ec. 6s	105 32	15	Gray round tower.	Red sector visible 347°-040°. Siren: Mo.(O) ev. 60s (bl. 5s, si. 3s, bl. 5s, si. 3s, bl. 5s, si. 39s).
RACON			K(–•–)	*	*	*	*
							27/03
22328 <i>E 6572</i>	-Cap Carbon.	36° 46.6' N 5° 06.3' E	Fl.(3)W. period 20s fl. 0.1s, ec. 3.9s fl. 0.1s, ec. 3.9s fl. 0.1s, ec. 11.9s	722 220	28	White tower on black and yellow house; 33.	Visible 090°-022°, obscured by Cap Noir to westward of 333°.
				*			27/03

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16 <i>A 0018</i>	Round Island.	49° 58.7' N 6° 19.3' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	180 55	18	White round tower; 63.	Visible 021°-288° and between islands. Distress signals. Shown 24 hours. Nautophone: 4 bl. ev. 60s.
RACON			M(–)– period 60s		10		*
							27/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7772 <i>C 7422.1</i>	--Rear, 225 meters 312° from front.	56° 15.5' N 16° 02.5' E	F.R.	46 14	4	Post, white triangular daymark.	
			*				27/03
8952 <i>C 6676.8</i>	Fifong.	58° 51.0' N 17° 44.0' E	Fl.(3)W.R.G. period 9s	22 7	W. 10 R. 7 G. 6	White hut, red band.	G. 163°-169°18', W.-171°48', R.-175°24', G.-244°36', R.-311°42', G.-351°36', W.-359°06', R.-004°, G.-017°24'.
			*				27/03
8960 <i>C 6677</i>	Sankhallan.	58° 52.0' N 17° 43.0' E	Q.W.R.G.	21 6	W. 10 R. 7 G. 6	Red hut, white base. Floodlit.	G. 086°42'-180°06', W.-185°24', R.-192°54', G.-204°36', W.-216°18', R.-270°06', G.-340°18', W.-345°54', R.-086°42'.
			*				27/03
10300 <i>C 6226</i>	Bjorn.	60° 38.3' N 17° 59.1' E	L.FL.W.R.G. period 10s fl. 2s, ec. 8s	77 23	W. 10 R. 7 G. 6	Yellow tower, red band; 82.	G. 060°-082°, W.-128°, R.-136°, W.-311°, R.-329°, W.-345°, W. (unintensified)-015°, W.-060°.
			*		*		27/03

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12069 -S. entrance C 3397	Range, front.	56° 31.4' N 20° 59.7' E	Iso.W. period 2s	108 33	9	Framework tower, white rectangular daymark, black stripe; 98.	Visible on range line only. Shown 24hours.
				*			*
							27/03
12069.1 -Rear, 422 meters C 3397.1	112°24' from front.	56° 31.3' N 21° 00.0' E	Iso.W. period 2s	161 49	9	Framework tower, white rectangular daymark, black stripe; 131.	Visible on range line only. Shown 24 hours.
				*			*
							27/03
12194 Irbensky Strait. C 3474		57° 45.1' N 21° 44.1' E	Fl.W. period 10s fl. 1s, ec. 9s	115 35	10	Round concrete tower, lower part black, middle part white with red bands, white trapezoidal daymark; 121. Helicopter platform.	
RACON		I(- · -)	period 15s		12		Azimuth coverage 125°-020°.
				*		*	*
							27/03
12196 Mikelbaka. C 3476		57° 35.9' N 21° 58.7' E	Fl.(2)W. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	194 59	14	White round concrete tower; 184.	
				*		*	*
							27/03
12204 Sikraguciems. C 3477.3		57° 40.0' N 22° 13.0' E	Fl.W. period 3s fl. 1s, ec. 2s	107 33	15	White quadrangular iron framework structure; 87.	
					*		27/03
12212 Kolka. C 3478		57° 48.1' N 22° 38.0' E	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	66 20	10	Red round tower with balcony and lantern; 69.	
RACON		K(- · -)			17		
						*	27/03
12216 Gipka. C 3486		57° 34.0' N 22° 40.0' E	L.Fl.W. period 6s fl. 2s, ec. 4s	120 37	15	Quadrangular metal tower, two red trapezoidal daymarks, white rectangular centers; 98.	Shown April 10 to Jan. 30.
						*	27/03
OSTROV MOSHCHNYY (LAVENSAARI):							
13280 -Bashnya. C 3952		60° 02.2' N 27° 49.6' E	Fl.(3)W. period 10s	98 30	15	Red octagonal metal framework tower; 95.	Reserve light Fl.W. 2s 7M.
-RACON		Z(- - · -)	period 30s		18		
		*	*				27/03

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SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 27/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS NVPUB107 1998 30/99* NVPUB109 2001 49/02*				
USCG NAVIGATION RULES COMDTM166722D 1999 44/99*,52/00				
NOS TIDE TABLES NOSPBTTCWPACIN3 2003 N4/03* NOSPBTTECSTNSA3 2003 N4/03* NOSPBTTEURAFR3 2003 N4/03* NOSPBTWCSTNSA3 2003 N4/03*				
TIDAL CURRENT TABLES NOSPBTCTATCSTN3 2003 N4/03* NOSPBTCTPACAS3 2003 N4/03*				

SECTION III

NM 27/03

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 191200Z June 2003:

2001 series	219(GEN)	108(26,27)	238(11,26)	242(11)	246(11)
393(GEN)	468(GEN)	231(14)	240(25,51)	243(GEN)	248(GEN)
2002 series	2003 series	236(11)	241(GEN)	244(25)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA IV WARNINGS issued from 121100Z to 191200Z June 2003.

238/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0400Z TO 0359Z COMMENCING DAILY
16 THRU 22 JUN IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-34N 080-33W.
 - B. 0400Z TO 0359Z COMMENCING DAILY
16 THRU 22 JUN IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
 - C. 1300Z TO 0600Z COMMENCING DAILY
17 THRU 20 JUN IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
2. CANCEL THIS MSG 230459Z JUN.

(131910Z JUN 2003)

239/03. CANCELED.

240/03(25,51). NORTH ATLANTIC.

1. PARTIALLY SUBMERGED OBJECT, 3.5 METERS
VISIBLE ABOVE SURFACE,ADRIFT VICINITY
30-54.0N 047-10.4W AT 131952Z JUN.
2. CANCEL THIS MSG 21 JUN.

(140440Z JUN 2003)

241/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 141000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 228(11,26), 231(14), 236(11), 237(GEN), 238(11,26), 240(25,51).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA IV 151/03, 225/03.

(141010Z JUN 2003)

242/03(11). GULF OF MEXICO.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 160001Z JUL
BY M/V NORTHERN ACCESS TOWING
8700 METER LONG CABLE IN AREA BETWEEN
27-30N 28-20W AND 089-40W 094-30W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 160101Z JUL.

(160640Z JUN 2003)

243/03(GEN). NORTH ATLANTIC. RADIO SERVICES.

1. U.S. COAST GUARD STATIONS BOSTON, PORTSMOUTH AND MIAMI HF DSC UNRELIABLE 161800Z TO 161900Z AND 191600Z TO 200001Z JUN.
2. CANCEL NAVAREA IV 237/03.
3. CANCEL THIS MSG 200101Z JUN.

(161500Z JUN 2003)

244/03(25). NORTH ATLANTIC.

1. 3000 METER LONG CABLE ADRIFT VICINITY
16-24.3N 060-10.0W AT 161500Z JUN.
2. CANCEL THIS MSG 23 JUN.

(161715Z JUN 2003)

245/03. CANCELED.

NM 27/03

SECTION III

246/03(11). GEORGIA. NAVTEX.
NAVTEX STATION SAVANNAH OFF AIR.

(172139Z JUN 2003)

247/03. CANCELED.

248/03(GEN). MARITIME SAFETY INFORMATION DIVISION WEBSITE.
1. NIMA MARITIME SAFETY INFORMATION DIVISION WEBSITE INTERMITTENTLY
UNUSABLE 192000Z TO 192200Z JUN. FOR URGENT SERVICE CONTACT NIMA
NAVSAFETY DSN: 287 3149, COMM: 1 800 362 6289 OR 301 227 3149,
E-MAIL: NAVSAFETY@NIMA.MIL OR MSG TO NIMA NAVSAFETY BETHESDA MD.
2. CANCEL THIS MSG 192300Z JUN.

(181640Z JUN 2003)

SECTION III

HYDROLANTS

Messages in force 191200Z June 2003:

2000 series	2354(53)	604(26,27)	1010(51)	1146(57)	1182(53)
2937(38)	2673(GEN)	635(51)	1027(56)	1152(57)	1183(36)
3762(43)	2682(51)	675(37)	1028(56)	1153(55)	1184(24)
4265(44)	2848(37)	738(35)	1048(57)	1155(36)	1186(43)
2001 series	2869(52)	749(55)	1056(52,53)	1156(37)	1187(53)
611(44)	2882(54)	754(37)	1057(53)	1158(53)	1189(24)
1798(37)	2883(54)	867(37)	1067(52)	1160(37)	1190(GEN)
2659(GEN)	2003 series	875(55)	1068(52)	1161(51,52)	1191(35)
2700(37)	41(37)	903(36)	1070(57)	1166(GEN)	1192(35,43)
3161(44)	65(53)	917(55)	1080(56)	1168(52)	1193(37)
2002 series	67(37)	925(53)	1088(57)	1171(51)	1194(53)
245(GEN)	76(54)	927(GEN)	1096(24)	1172(37)	1195(52,53)
246(GEN)	317(37)	938(51)	1101(43)	1173(52,53)	1196(54)
383(53)	390(22)	941(54)	1117(37)	1174(23,29)	1197(24)
946(53)	490(51)	948(57)	1124(55)	1177(52)	
1485(24)	544(55)	994(35)	1134(35)	1179(55)	
2203(51)	563(37)	1009(53,56)	1143(53)	1181(52)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROLANT WARNINGS issued from 121100Z to 191200Z June 2003.

1153/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 171230Z TO 171530Z JUN AND 0530Z TO 1100Z DAILY 18 THRU 20 JUN IN AREA BOUND BY 44-43.8N 032-52.2E,
44-34.8N 032-37.4E, 44-39.0N 032-11.5E,
44-48.4N 032-08.2E, 45-00.2N 032-14.2E,
44-55.2N 032-41.6E.
2. CANCEL HYDROLANT 1136/03(37), AID RESTORED.
3. CANCEL THIS MSG 201200Z JUN.

(121314Z JUN 2003)

1154/03. CANCELED.

1155/03(36). BRISTOL CHANNEL.

CHART 36165 (6TH ED).
NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
WITHIN ONE MILE OF HORSESHOE NORTH CARDINAL BUOY
51-15.1N 004-13.0W.

(122159Z JUN 2003)

1156/03(37). DOVER STRAIT.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP MAERSK DEFENDER IN VARIOUS POSITIONS IN NORTHEAST BOUND TRAFFIC LANE.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1154/03.

(130050Z JUN 2003)

1157/03. CANCELED.

1158/03(53). STRAIT OF BONIFACIO.

1. GEOPHYSICAL SURVEY 16 JUN THRU 10 JUL BY M/V ILES LAVEZZI TOWING EQUIPMENT VICINITY OF TRACKLINE BETWEEN 41-22N 009-12E AND 41-14N 009-12E
2. CANCEL THIS MSG 11 JUL.

(130840Z JUN 2003)

1159/03. CANCELED.

1160/03(37). ENGLISH CHANNEL.

1. FISHING NETS WITH FLOATS ADRIFT IN 49-43.4N 003-49.7W AT 131100Z JUN.
2. CANCEL THIS MSG 20 JUN.

(131504Z JUN 2003)

1161/03(51,52). STRAIT OF GIBRALTAR.

1. NATO WARSHIPS ARE CONDUCTING ESCORT OPERATIONS

SECTION III

IN THE STRAIT OF GIBRALTAR IN ORDER TO MAINTAIN SECURITY IN THE AREA AND TO ENSURE THE SAFE TRANSIT OF DESIGNATED ALLIED SHIPS.

2. ALL VESSELS SAILING THROUGH THE STRAIT OF GIBRALTAR ARE REQUESTED TO KEEP 500 YARDS CLEAR OF ESCORT FORMATIONS AND ARE ADVISED TO LISTEN ON VHF CHANNEL 16.
3. ANY VESSEL APPROACHING A MILITARY FORMATION WITHOUT ESTABLISHING COMMUNICATIONS MAY BE CONSIDERED AS HAVING POTENTIALLY HOSTILE INTENTIONS.
4. NOTHING IN THIS NAVIGATIONAL WARNING IS INTENDED TO IMPEDE OR INTERFERE WITH THE FREEDOM OF NAVIGATION. THIS WARNING IS PUBLISHED SOLELY TO ADVISE ABOUT THE HEIGHTENED STATE OF READINESS OF NATO FORCES.

(131531Z JUN 2003)

1162/03 thru 1165/03. CANCELED.

1166/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 141000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 903(36), 917(55), 925(53), 927(53), 929(43), 938(51), 941(54), 948(57), 978(52), 994(35), 1009(53,56), 1010(51), 1027(56), 1028(56), 1048(57), 1056(52,53), 1057(53), 1067(52), 1068(52), 1070(57), 1072(52), 1080(56), 1088(57), 1096(24), 1101(43), 1106(52), 1116(52), 1117(37), 1124(55), 1133(51), 1134(35), 1135(53), 1138(53), 1139(36,51), 1140(42), 1143(53), 1146(57), 1148(24), 1149(24), 1152(57), 1153(55), 1155(36), 1156(37), 1157(24), 1158(53), 1159(38), 1160(37), 1161(51,52), 1163(52), 1164(24), 1165(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL HYDROLANT 854/03, 863/03, 874/03, 1103/03.

(141015Z JUN 2003)

1167/03. CANCELED.

1168/03(52). ALGERIA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 24 JUN BY CABLESHIP TENEZO VICINITY OF TRACKLINE JOINING 37-24.7N 005-09.5E, 37-25.0N 004-50.0E, 37-17.3N 003-54.7E.
2. CANCEL HYDROLANT 1116/03.
3. CANCEL THIS MSG 25 JUN.

(142016Z JUN 2003)

1169/03 and 1170/03. CANCELED.

1171/03(51). NORTH ATLANTIC.

1. CABLE OPERATIONS 17 THRU 20 JUN BY CABLESHIP ILE DE SEIN ALONG TRACKLINE JOINING 32-47.0N 016-49.5W, 32-47.7N 016-49.4W, 32-48.5N 016-48.2W, 32-48.7N 016-48.0W, 32-48.9N 016-47.9W, 32-50.1N 016-47.4W, 32-51.5N 016-47.4W, 32-53.8N 016-46.5W, 32-55.3N 016-42.3W, 32-55.8N 016-34.0W, 32-55.1N 016-30.2W, 32-52.3N 016-25.5W, 32-52.1N 016-21.5W, 32-53.4N 016-18.5W, 32-56.0N 016-17.1W, 32-58.4N 016-17.9W, 33-00.5N 016-19.9W, 33-01.4N 016-20.6W, 33-01.7N 016-21.2W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 978/03(52).
3. CANCEL THIS MSG 21 JUN.

(151502Z JUN 2003)

1172/03(37). ENGLISH CHANNEL.

1. CONTAINER ADRIFT VICINITY 49-38.3N 003-44.2W AT 151427Z JUN.
2. CANCEL THIS MSG 22 JUN.

(151723Z JUN 2003)

1173/03(52,53). STRAIT OF SICILY.

1. DERELICT 13 METER VESSEL ADRIFT IN 35-18N 012-00E. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 23 JUN.

(160620Z JUN 2003)

SECTION III

NM 27/03

1174/03(23.29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 15 JUN IN:
 - A. A-38A, 22 MILES BY 48 MILES IN 58-36S 048-12W.
 - B. A-38B, 22 MILES BY 25 MILES IN 58-24S 049-48W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-18S 048-54W.
 - D. A-38D, TWO MILES BY TEN MILES IN 60-54S 050-06W.
 - E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-06W.
 - F. A-43C, 24 MILES BY 41 MILES IN 58-42S 034-24W.
 - G. A-43G, EIGHT MILES BY 49 MILES IN 51-54S 025-54W.
 - H. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 - I. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
 - J. A-47, NINE MILES BY 14 MILES IN 52-18S 047-36W.
 - K. A-48, NINE MILES BY TEN MILES IN 59-06S 048-24W.
 - L. A-50, ONE MILE BY TEN MILES IN 59-06S 048-24W.
 - M. B-09A, 15 MILES BY 22 MILES IN 53-00S 026-12W.
2. CANCEL HYDROLANT 1148/03(24), 1149/03(24), 1157/03(24).
3. CANCEL THIS MSG 23 JUN.

(160710Z JUN 2003)

1175/03 and 1176/03. CANCELED.

1177/03(52). ALGERIA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 30 JUN BY CABLESHIP CERTAMEN IN AREA BOUND BY 37-26.0N 004-10.0E, 37-11.9N 003-10.0E, 36-56.6N 002-54.0E.
2. CANCEL THIS MSG 01 JUL.

(161300Z JUN 2003)

1178/03. CANCELED.

1179/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0500Z TO 1400Z DAILY 17 THRU 20 JUN IN AREA BOUND BY 44-35.8N 036-47.7E, 44-47.8N 036-37.4E, 45-00.0N 036-35.5E, 45-01.4N 036-38.0E, 45-00.6N 036-49.0E, 44-47.6N 037-08.4E, 44-40.6N 036-59.2E.
2. CANCEL THIS MSG 201500Z JUN.

(161400Z JUN 2003)

1180/03. CANCELED.

1181/03(52). ALGERIA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP TELIRI IN 37-35.2N 005-22.2E.
2. CANCEL HYDROLANT 1178/03.

(162103Z JUN 2003)

1182/03(53). EASTERN MEDITERRANEAN SEA.

VESSEL, 70 PERSONS ON BOARD, SINKING IN 34-58N 012-18E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, TELEX: 4361 1172,
PHONE: 390 6592 3569, FAX: 390 6592 2737.

(162227Z JUN 2003)

1183/03(36). IRISH SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP SOVEREIGN VICINITY 53-33N 005-10W.
WIDE BERTH REQUESTED.

(162348Z JUN 2003)

1184/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 200259Z JUN BY M/V CGG HARMATTAN TOWING SIX 6000 METER LONG CABLES IN AREA BOUND BY 00-32.0S 043-33.0W, 00-44.0S 043-44.0W, 01-01.5S 043-24.0W, 00-48.5S 043-12.0W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 200359Z JUN.

(170720Z JUN 2003)

1185/03. CANCELED.

1186/03(43). NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V CGG AMADEUS TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN

SECTION III

56-40N 57-15N AND 001-20E 002-10E.
WIDE BERTH REQUESTED.

(171715Z JUN 2003)

1187/03(53). ITALY-SOUTHWEST COAST.

1. FISHING NET MARKED BY BUOYS ADRIFT
IN 39-12N 015-59E.
2. CANCEL THIS MSG 24 JUN.

(171800Z JUN 2003)

1188/03. CANCELED.

1189/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 210400Z JUN
BY M/V TROPICALIENTE TOWING TWO 20 METER
LONG CABLES IN AREA BOUND BY
03-02.0S 038-58.8W, 03-05.1S 039-01.3W,
03-01.8S 039-05.3W, 02-58.7S 039-02.8W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 722/03(55) AND 1072/03(52).
3. CANCEL THIS MSG 210500Z JUN.

(180810Z JUN 2003)

1190/03(GEN). MARITIME SAFETY INFORMATION DIVISION WEBSITE.

1. NIMA MARITIME SAFETY INFORMATION DIVISION WEBSITE INTERMITTENTLY
UNUSABLE 192000Z TO 192200Z JUN. FOR URGENT SERVICE CONTACT NIMA
NAVSAFETY DSN: 287 3149, COMM: 1 800 362 6289 OR 301 227 3149,
E-MAIL: NAVSAFETY@NIMA.MIL OR MSG TO NIMA NAVSAFETY BETHESDA MD.
2. CANCEL THIS MSG 192300Z JUN.

(181645Z JUN 2003)

1191/03(35). SCOTLAND-WEST COAST.

CHART 35265 (3RD ED).
SKERRYVORE LIGHT 56-19.3N 007-06.9W UNRELIABLE.

(182321Z JUN 2003)

1192/03(35,43). NORTH SEA.

F/V HANSTHOLMEN LYSZ TAKING ON WATER AND IN
NEED OF ASSISTANCE IN 58-58N 000-17E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO SHETLAND COAST GUARD.

(190440Z JUN 2003)

1193/03(37). FRANCE-NORTHWEST COAST.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 48-54.4N 005-56.2W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC CORSEN,
TELEX: 42940086, PHONE: 332 9889 3131, FAX: 332 9889 6575.

(190540Z JUN 2003)

1194/03(53). SARDEGNA-WEST COAST.

CHART 53266 (4TH ED).
UNEXPLODED ORDNANCE WITHIN 0.5 MILES OF 39-51.8N 008-28.7E.

(190720Z JUN 2003)

1195/03(52,53). STRAIT OF SICILY.

1. DERELICT VESSEL KARIMA, WHITE HULL WITH BLUE STRIPES,
ADRIFT IN 37-27.4N 012-17.0E.
REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 26 JUN.

(190740Z JUN 2003)

1196/03(54). EASTERN MEDITERRANEAN SEA.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 35-46.0N 031-51.2E
AT 190947Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC LARNACA,
TELEX: 6054158, PHONE: 357 2430 4737, FAX: 357 2464 3254.

(191040Z JUN 2003)

1197/03(24). BRAZIL-SOUTH COAST.

CHART 24100 (5TH ED).
MOSTARDAS LIGHT 31-14.9S 050-54.4W UNLIT.

(191050Z JUN 2003)

SECTION III

NM 27/03

NAVAREA XII

Messages in force 191200Z June 2003:

2001 series 298(GEN)	2002 series 178(GEN)	339(GEN) 2003 series	137(19) 160(GEN)	161(GEN)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA XII WARNINGS issued from 121100Z to 191200Z June 2003.

158/03 and 159/03. CANCELED.

160/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 141000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 137(19), 155(18), 157(18), 158(19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA XII 136/03, 149/03.

(141020Z JUN 2003)

161/03(GEN). MARITIME SAFETY INFORMATION DIVISION WEBSITE.

1. NIMA MARITIME SAFETY INFORMATION DIVISION WEBSITE INTERMITTENTLY UNUSABLE 192000Z TO 192200Z JUN. FOR URGENT SERVICE CONTACT NIMA NAVSAFETY DSN: 287 3149, COMM: 1 800 362 6289 OR 301 227 3149, E-MAIL: NAVSAFETY@NIMA.MIL OR MSG TO NIMA NAVSAFETY BETHESDA MD.
2. CANCEL THIS MSG 192300Z JUN.

(181648Z JUN 2003)

162/03 and 163/03. CANCELED.

SECTION III

HYDROPACS

Messages in force 191200Z June 2003:

2000 series	2402(22)	760(63)	902(71)	982(97)	1031(62)
597(73)	2003 series	761(63)	908(81)	983(22)	1034(63)
2001 series	100(29)	771(61)	909(94,97)	985(97)	1035(63)
1647(GEN)	167(95)	773(81)	911(95)	992(62)	1036(81)
1976(62)	197(71)	776(61)	912(95)	993(62)	1038(63)
2002 series	207(62)	777(62)	913(94,95)	996(81,97)	1039(91)
146(62)	445(96)	787(73)	920(93)	998(71)	1041(71)
196(61)	495(62)	801(72)	921(95)	999(63)	1042(61)
205(GEN)	496(62)	816(94,97)	922(94,95)	1003(71,93)	1043(91)
206(GEN)	506(62)	819(62)	923(93)	1004(62)	1044(97)
207(93)	514(73)	829(97)	932(62)	1007(76)	1045(GEN)
352(73)	515(73)	849(81)	933(74)	1009(63)	1047(76,83)
403(72,73)	525(73,74)	858(63)	935(81)	1010(63)	1049(76,83)
637(75)	570(62)	860(81)	936(61)	1011(63)	1050(75)
828(62)	592(62)	865(81)	940(71)	1015(62)	1051(63)
1765(71)	593(62)	874(81,97)	952(71,93)	1016(62)	1052(62)
1843(22)	638(62)	875(97)	956(83)	1017(92)	1053(97)
2111(62)	647(74)	878(93)	959(62)	1018(97)	1054(73)
2191(22)	649(71,93)	880(63)	960(63)	1024(97)	
2199(63)	667(62)	884(75)	962(91)	1025(GEN)	
2277(GEN)	743(62)	886(96,97)	965(63)	1027(81)	
2330(62)	744(29)	891(91)	968(74)	1029(63)	
2339(63)	752(62)	895(62)	973(81)	1030(23,29)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROPAC WARNINGS issued from 121100Z to 191200Z June 2003.

1009/03(63). ARABIAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 05 JUL BY
M/V C-ORION TOWING FOUR 5000 METER LONG
CABLES IN AREA BETWEEN
17-35.0N 17-41.9N AND 072-34.9E 072-25.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 06 JUL.

(121140Z JUN 2003)

1010/03(63). INDIA-EAST COAST.

CHART 63321 (6TH ED).
DANGEROUS WRECK IN 20-59.0N 088-15.6E.

(121244Z JUN 2003)

1011/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 15 THRU 21 JUN
WITHIN 25 MILES OF 14-01.0N 074-19.6E.
2. CANCEL THIS MSG 211230Z JUN.

(121249Z JUN 2003)

1012/03 thru 1014/03. CANCELED.

1015/03(62). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 160600Z TO 181300Z
AND 230600Z TO 251300Z JUN WITHIN
1000 METERS OF 25-55.55N 050-40.25E.
2. CANCEL THIS MSG 251400Z JUN.

(130620Z JUN 2003)

1016/03(62). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS:
 - A. 180300Z TO 221900Z JUN
WITHIN TWO MILES OF:
A1. 29-33.9N 049-30.8E.
A2. 29-37.0N 049-28.0E.
A3. 29-31.0N 049-33.0E.
 - B. 200300Z TO 251900Z JUN
WITHIN TWO MILES OF:
29-21.1N 049-15.3E.
 - C. 220300Z TO 270300Z JUN
WITHIN TWO MILES OF:
C1. 28-00.4N 049-26.4E.

SECTION III

- C2. 28-00.0N 049-29.0E.
 D. 240300Z TO 290300Z JUN
 WITHIN TWO MILES OF
 28-16.0N 049-57.2E.
 2. CANCEL THIS MSG 290400Z JUN.

(131010Z JUN 2003)

- 1017/03(92). PHILIPPINE SEA.
 1. DERELICT F/V PARADISE 01 ADRIFT IN 06-00.9N 128-13.1E.
 2. CANCEL THIS MSG 20 JUN.

(131238Z JUN 2003)

- 1018/03(97). NORTH PACIFIC. JAPAN.
 MAN OVERBOARD FROM VESSEL OGASAWARA MARU VICINITY
 OF TRACKLINE BETWEEN TOKYO AT 120100Z JUN
 AND OGASAWARA FUTAMI KO (27-05N 142-12E) AT
 130210Z JUN. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(131422Z JUN 2003)

1019/03 thru 1023/03. CANCELED.

- 1024/03(97). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM
 VESSEL SONG HONG I IN 27-12N 135-59E AT
 140541Z JUN. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(140640Z JUN 2003)

- 1025/03(GEN).
 1. HYDROPAC MESSAGES IN FORCE 141000Z JUN 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 771(61), 773(81), 776(61), 777(62), 787(73),
 801(72), 803(71), 816(94,97), 819(62), 829(97), 849(81),
 858(63), 860(81), 865(81), 874(81,97), 875(97), 878(93),
 879(63), 880(63), 884(75), 886(96,97), 891(91), 895(62),
 902(71), 908(81), 909(94,97), 911(95), 912(95), 913(94,95),
 920(93), 921(95), 922(94,95), 923(93), 932(62), 933(74),
 935(81), 936(61), 940(71), 952(71,93), 955(81,97), 956(83),
 959(62), 960(63), 962(91), 965(63), 968(74), 969(81),
 973(81), 982(97), 983(22), 985(97), 992(62), 993(62),
 996(81,97), 998(71), 999(63), 1003(71,93), 1004(62),
 1007(76), 1008(81,82), 1009(63), 1010(63), 1011(63),
 1012(63), 1015(62), 1016(62), 1017(92), 1018(97), 1019(63),
 1020(81), 1022(22), 1024(97).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF
 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
 WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
 ARE SUMMARIZED IN NM 13/03.
 3. CANCEL HYDROPAC 767/03, 901/03, 975/03, 995/03, 1023/03.

(141040Z JUN 2003)

1026/03. CANCELED.

- 1027/03(81). NORTH PACIFIC.
 1. DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 11-01.9N 144-32.6E
 AT 150246Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP A
 SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,
 TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.
 2. CANCEL HYDROPAC 1026/03(74,75), VESSEL LOCATED.

(150546Z JUN 2003)

1028/03. CANCELED.

- 1029/03(63). ARABIAN SEA.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 22 JUN
 BY M/V MEZEN TOWING 300 METER LONG CABLE
 IN AREA BOUND BY 17-35N 066-04E,
 17-28N 066-23E, 17-23N 066-05E
 17-14N 065-18E. WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 23 JUN.

(160550Z JUN 2003)

1030/03(23,29). SOUTH ATLANTIC. ANTARCTICA. ICE.

1. ICEBERGS REPORTED ON 15 JUN IN:
 A. A-38A, 22 MILES BY 48 MILES IN 58-36S 048-12W.
 B. A-38B, 22 MILES BY 25 MILES IN 58-24S 049-48W.

SECTION III

NM 27/03

- C. A-38C, SEVEN MILES BY 11 MILES IN 60-18S 048-54W.
 - D. A-38D, TWO MILES BY TEN MILES IN 60-54S 050-06W.
 - E. A-43C, 24 MILES BY 41 MILES IN 58-42S 034-24W.
 - F. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 - G. A-48, NINE MILES BY TEN MILES IN 59-06S 048-24W.
 - H. A-50, ONE MILE BY TEN MILES IN 59-06S 048-24W.
2. CANCEL THIS MSG 23 JUN.

(160720Z JUN 2003)

1031/03(62). PERSIAN GULF.
PIPELINE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGES VICINITY OF TRACKLINE BETWEEN
25-55.5N 051-33.0E AND 26-31.5N 052-06.6E.
WIDE BERTH REQUESTED.

(160850Z JUN 2003)

1032/03 and 1033/03. CANCELED.

1034/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 190230Z TO 190530Z AND
191230Z TO 191430Z JUN IN AREA BOUND BY
17-42.2N 083-18.6E, 17-42.1N 083-29.9E,
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 191530Z JUN.

(161410Z JUN 2003)

1035/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 17 AND 20 JUN
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 201630Z JUN.

(161430Z JUN 2003)

1036/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 11-55.0N 132-42.5E
AT 170214Z JUN. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC GUAM, TELEX: 392401.

(170410Z JUN 2003)

1037/03. CANCELED.

1038/03(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY
18 AND 19 JUN WITHIN 75 MILES OF
08-31.9N 076-52.1E.
2. CANCEL THIS MSG 191700Z JUN.

(170550Z JUN 2003)

1039/03(91). NORTH PACIFIC. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 191800Z TO 200600Z JUN
WITHIN 40 MILES OF 20-00N 127-00E.
2. CANCEL THIS MSG 200700Z JUN.

(170920Z JUN 2003)

1040/03. CANCELED.

1041/03(71). SOUTH CHINA SEA.
CHART 71027 (9TH ED.).
ROYAL CHARLOTTE REEF LIGHT 06-57N 113-35E UNLIT.

(180720Z JUN 2003)

1042/03(61). INDIAN OCEAN. GUNNERY.
1. GUNNERY EXERCISES 200500Z TO 200800Z JUN
IN AREA BETWEEN
13-00S 13-07S AND 045-16E 045-22E.
2. CANCEL THIS MSG 200900Z JUN.

(180740Z JUN 2003)

1043/03(91). NORTH PACIFIC. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 201300Z TO 202300Z JUN
WITHIN 25 MILES OF 19-30N 126-20E.
2. CANCEL THIS MSG 210001Z JUN.

(181040Z JUN 2003)

1044/03(97). NORTH PACIFIC. ORDNANCE.

- 1. UNDERWATER ORDNANCE DETONATIONS/BOMBING EXERCISES
2000Z TO 1200Z COMMENCING DAILY 22 JUN THRU 01 JUL
IN AREAS BOUND BY:

SECTION III

A. 24-45-45N 141-20-06E, 24-45-12N 141-20-19E,
 24-44-31N 141-18-16E, 24-45-05N 141-18-02E.
 B. 24-46-49N 141-16-45E, 24-46-40N 141-17-22E,
 24-45-01N 141-16-53E, 24-45-10N 141-16-16E.
 C. 24-49-43N 141-19-46E, 24-49-04N 141-20-59E,
 24-48-33N 141-20-39E, 24-49-04N 141-19-43E,
 24-48-34N 141-18-10E, 24-49-07N 141-17-56E.
 2. CANCEL THIS MSG 021300Z JUL.

(181400Z JUN 2003)

1045/03(GEN). MARITIME SAFETY INFORMATION DIVISION WEBSITE.

1. NIMA MARITIME SAFETY INFORMATION DIVISION WEBSITE INTERMITTENTLY
 UNUSABLE 192000Z TO 192200Z JUN. FOR URGENT SERVICE CONTACT NIMA
 NAVSafety DSN: 287 3149, COMM: 1 800 362 6289 OR 301 227 3149,
 E-MAIL: NAVSAFETY@NIMA.MIL OR MSG TO NIMA NAVSAFETY BETHESDA MD.
 2. CANCEL THIS MSG 192300Z JUN.

(181650Z JUN 2003)

1046/03. CANCELED.

1047/03(76,83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 38-36S 179-21E.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067,
 PHONE: 644 914 5663, FAX: 644 914 5520.

(182159Z JUN 2003)

1048/03. CANCELED.

1049/03(76,83). SOUTH PACIFIC.

CANCEL HYDROPAC 1046/03, 1048/03 AND THIS MSG.

(182243Z JUN 2003)

1050/03(75). AUSTRALIA-SOUTHEAST COAST.

CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER
 NOTICE BY CABLESHIP ILE DE BATZ IN AREA BOUND BY
 38-39S 145-44E, 38-44S 145-44E,
 38-44S 145-30E, 38-35S 145-30E.

(190316Z JUN 2003)

1051/03(63). ARABIAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 JUL
 BY M/V TEKNIK PERDANA TOWING 1500 METER
 LONG CABLE IN AREA BOUND BY
 21-35.2N 066-27.1E, 21-37.3N 066-29.8E,
 21-34.7N 066-31.9E, 21-32.7N 066-29.2E.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 11 JUL.

(190950Z JUN 2003)

1052/03(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0430Z TO 1400Z DAILY 23 AND 24 JUN
 IN AREA BOUND BY 27-50N 049-36E,
 27-26N 049-51E, 27-27N 050-27E,
 27-37N 050-22E, 27-51N 049-52E.
 2. CANCEL THIS MSG 241500Z JUN.

(190955Z JUN 2003)

1053/03(97). NORTH PACIFIC.

1. UNDERWATER OPERATIONS 24 THRU 29 JUN BY
 M/V NATSUSHIMA WITH SUBMERSIBLE IN
 AREAS BETWEEN:
 A. 32-05N 32-08N AND 139-48E 139-53E.
 B. 31-26N 31-31N AND 140-02E 140-07E.
 C. 26-40N 26-45N AND 141-00E 141-08E.
 2. CANCEL THIS MSG 30 JUN.

(191110Z JUN 2003)

1054/03(73). TIMOR.

F/V SANK IN 08-07.3S 125-04.0E AT 181000Z JUN.
 ONE PERSON RECOVERED IN 08-09.6S 125-09.0E
 AT 190300Z JUN. NINE PERSONS REMAIN MISSING.
 VESSELS IN VICINITY REQUESTED TO KEEP A
 SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
 PHONE: 612 6230 6811, FAX: 612 6230 6868.

(191140Z JUN 2003)

SECTION III

NM 27/03

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 19 June 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 19 June 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NEW EDITION OF COAST PILOT**

U.S. Coast Pilot 1, Atlantic Coast: Eastport to Cape Cod Thirty-Third Edition, 2003, is ready for issue and may be obtained from:

Federal Aviation Administration
National Aeronautical Charting Office
Distribution Division, AVN-530
6303 Ivy Lane, Suite 400
Greenbelt, MD 20770-6325

and authorized agents of the National Ocean Service. Price \$26.00.

The 2003 Edition cancels the preceding 2001 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page V of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Imagery and Mapping Agency Notice to Mariners, and on the Internet at <http://critcorr.ncd.noaa.gov/> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

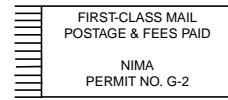
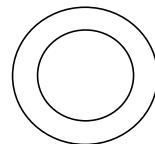
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary)

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

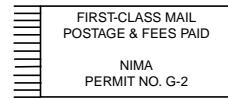
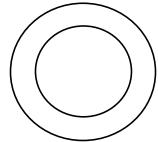
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

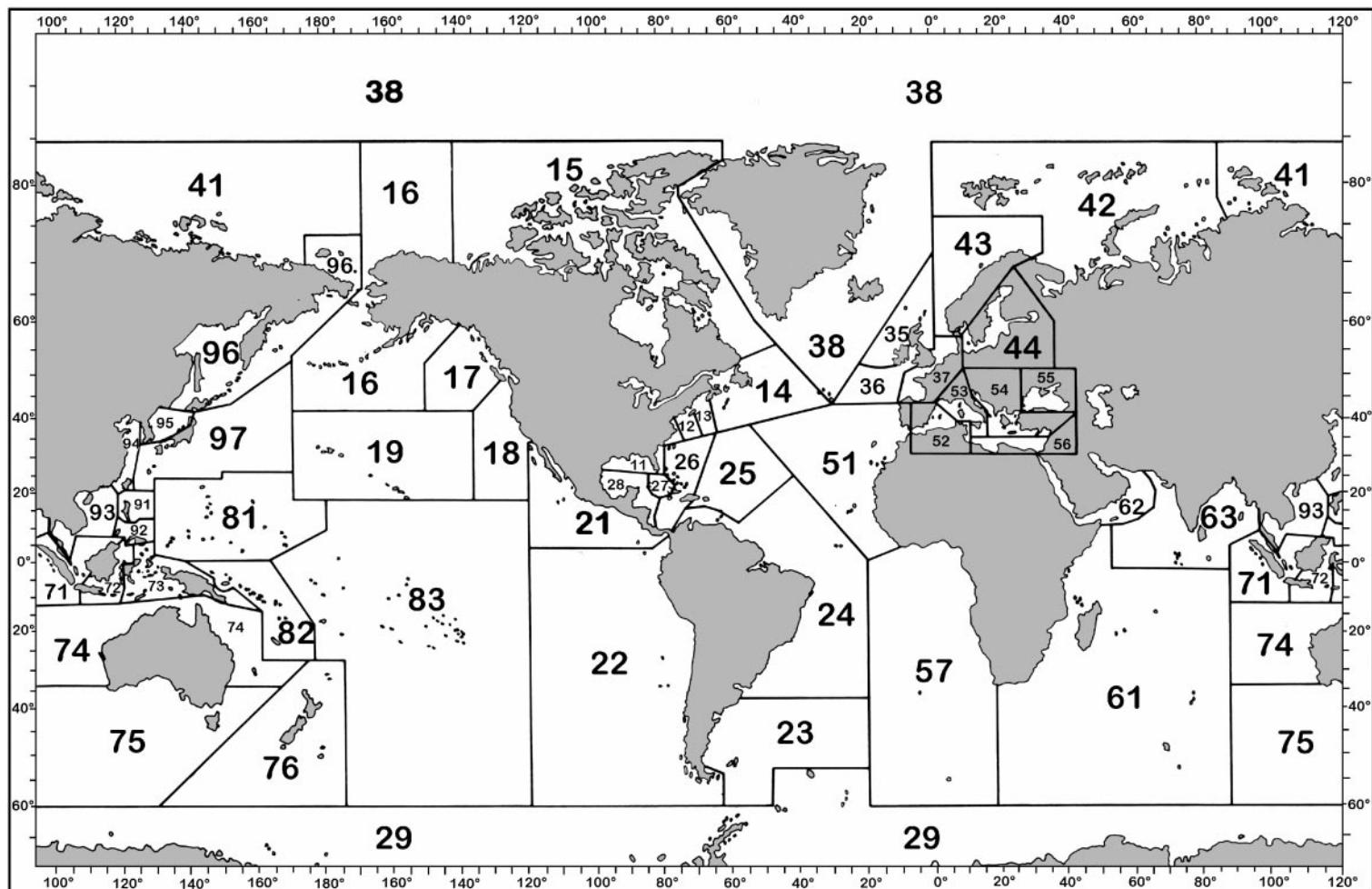
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



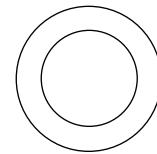
For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH
8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



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IMPORTANT NAVIGATIONAL INFORMATION TIME—DATED



NOTICE TO
MARINERS

PLEASE EXPEDITE DELIVERY